



STIC Search Report

Biotech-Chem Library

STIC Database Tracking Number: 176378

TO: Ruixiang Li
Art Unit: 1646
Location: REM-4D75/4C70
Serial Number: 10/060765

Tuesday, January 17, 2006

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Search Notes

Protein Sequence Searches – February 2005

All of the sequence databases on ABSS have recently been updated.

- Please note that the curators of the UniProt database have purged some temporary accession numbers from the most recent version of UniProt. These sequences have been assigned new permanent accession numbers. The new UniProt record may not contain the previous temporary accession number.
- If you encounter an accession number from an older search run against UniProt (results file extension **.rup**) that can no longer be found in the database, the permanent record with the new accession number can be found by searching the old accession number in the UniProt Protein Archive database (uniPARC) at:

<http://www.pir.uniprot.org/database/archive.shtml>

If you have any questions regarding this information or your results, please contact any STIC searcher.

Published Applications Database - November 2005

Published_Applications Nucleic Acid and Published_Applications Amino Acid database searches now generate two sets of results each. The Published_Applications databases have been split into two parts to reduce the amount of time required for their daily updates. This results in more machine time being available for processing searches.

Newly published applications will appear in the Published_Applications_New databases; older published applications make up the Published_Applications_Main databases.

Searches run against Nucleic Acid Published_Applications produce two sets of results, with the extensions **.rnpbm** (Published_Applications_NA_Main) and **.rnpbn** (Published_Applications_NA_New).
Searches run against Amino Acid Published_Applications produce two sets of results, with the extensions **.rapbm** (Published_Applications_AA_Main) and **.rapbn** (Published_Applications_AA_New).

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CFFE

Searcher: <u>ESB</u>	STIC	IG
Legal date: <u>2</u>	CM-1	STN
Elapsed time: <u>2</u>	Pre-S	Dialog
File name: <u>2</u>	Type of Search	APS
Legal name: <u>2</u>	N.A. Sequence	Geninfo
Number of Searches: <u>2</u>	A.A. Sequence	SDC
Number of Databases: <u>2</u>	Structure	DART Questel
	Bibliographic	Other <u>CGN</u>

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OM protein - protein search, using sw model

Run on: January 13, 2006, 17:33:10 ; Search time 61 Seconds
(without alignments)
1431.579 Million cell updates/sec

Title: US-10-060-765-4

Perfect score: 209

Sequence: 1 MDSDETGFHSGLWVSLAG.....SSDPLSMVGPQGRSPSYAS 209

Scoring table: OLIGO

Gapop 60.0 , Gapext 60.0

Searched: 1867569 seqs, 417829326 residues

Word size :

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Listing first 1000 summaries

Database : Published Applications AA Main:*

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6: /cgn2_6/ptodata/1/pubpaa/US11_PUBCOMB.pcp:*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Query			DB	ID	Description
	Score	Match	Length			
1	209	100.0	209	3	US-09-822-485-24	Sequence 24, Appl
2	209	100.0	209	3	US-09-801-968-15	Sequence 15, Appl
3	209	100.0	209	3	US-09-802-154-15	Sequence 15, Appl
4	209	100.0	209	4	US-10-060-765-4	Sequence 4, Appl
5	209	100.0	209	4	US-10-374-207-24	Sequence 24, Appl
6	209	100.0	209	4	US-10-818-140-4	Sequence 4, Appl
7	209	100.0	209	5	US-10-771-173-4	Sequence 4, Appl
8	203	97.1	209	5	US-10-659-004-68	Sequence 68, Appl
9	203	97.1	209	5	US-10-659-004-70	Sequence 70, Appl
10	132	91.9	209	5	US-10-659-004-66	Sequence 66, Appl
11	188	90.0	208	3	US-09-755-695-2	Sequence 2, Appl
12	188	90.0	208	4	US-10-227-884-78	Sequence 78, Appl
13	188	90.0	208	4	US-10-230-163-78	Sequence 78, Appl
14	188	90.0	208	4	US-10-230-338-78	Sequence 78, Appl
15	188	90.0	208	4	US-10-218-631-78	Sequence 78, Appl
16	188	90.0	208	4	US-10-230-414-78	Sequence 78, Appl
17	188	90.0	208	4	US-10-232-224-78	Sequence 78, Appl
18	188	90.0	208	4	US-10-216-159A-78	Sequence 78, Appl
19	188	90.0	208	4	US-10-218-843-78	Sequence 78, Appl
20	188	90.0	208	4	US-10-227-873-78	Sequence 78, Appl
21	188	90.0	208	4	US-10-227-883-78	Sequence 78, Appl
22	188	90.0	208	4	US-10-219-076-78	Sequence 78, Appl
23	188	90.0	208	4	US-10-230-434-78	Sequence 78, Appl
24	188	90.0	208	4	US-10-230-033-78	Sequence 78, Appl
25	188	90.0	208	4	US-10-219-073-78	Sequence 78, Appl
26	188	90.0	208	4	US-10-219-464-78	Sequence 78, Appl
27	188	90.0	208	4	US-10-219-466-78	Sequence 78, Appl

101	188	90.0	208	4	US-10-219-483-78	Sequence 78, Appl	174	7	3.3	63	4	US-10-156-761-8293	Sequence 8293, Ap
102	188	90.0	208	4	US-10-219-525-78	Sequence 78, Appl	175	7	3.3	70	4	US-10-425-114-43515	Sequence 43515, A
103	188	90.0	208	4	US-10-219-526-78	Sequence 78, Appl	176	7	3.3	70	4	US-10-425-115-327100	Sequence 327100, A
104	188	90.0	208	4	US-10-219-530-78	Sequence 78, Appl	177	7	3.3	78	4	US-10-424-599-255241	Sequence 255241, A
105	188	90.0	208	4	US-10-219-531-78	Sequence 78, Appl	178	7	3.3	83	4	US-10-437-963-148052	Sequence 148052, A
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109	188	90.0	208	4	US-10-232-228-78	Sequence 78, Appl	182	7	3.3	92	3	US-10-425-115-293891	Sequence 293891, A
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116	188	90.0	208	4	US-10-119-480-78	Sequence 78, Appl	189	7	3.3	118	4	US-10-296-115-872	Sequence 872, App
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119	188	90.0	208	5	US-10-499-608-1	Sequence 1, Appl	192	7	3.3	125	4	US-10-767-701-48793	Sequence 48793, A
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122	170	81.3	183	5	US-10-659-004-54	Sequence 54, Appl	195	7	3.3	137	4	US-10-437-963-155646	Sequence 155646, A
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126	120	57.4	125	5	US-10-659-004-52	Sequence 52, Appl	199	7	3.3	145	4	US-10-425-115-262859	Sequence 262859, A
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128	109	52.2	209	5	US-10-659-004-58	Sequence 58, Appl	201	7	3.3	150	4	US-10-437-963-170553	Sequence 170553, A
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131	68	32.5	68	3	US-09-802-154-35	Sequence 35, Appl	204	7	3.3	156	5	US-10-450-763-49253	Sequence 49253, A
132	68	32.5	136	3	US-09-901-938-33	Sequence 33, Appl	205	7	3.3	159	4	US-10-424-599-278325	Sequence 278325, A
133	68	32.5	136	4	US-10-373-334-33	Sequence 33, Appl	206	7	3.3	166	4	US-10-425-114-38510	Sequence 38510, A
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146	9	4.3	9	5	US-10-982-514-53	Sequence 53, Appl	219	7	3.3	228	4	US-10-425-115-318658	Sequence 318658, A
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148	8	3.8	127	4	US-10-424-599-254572	Sequence 254572, A	221	7	3.3	244	4	US-10-425-115-221842	Sequence 221842, A
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154	8	3.8	525	4	US-10-425-115-351832	Sequence 351832, A	227	7	3.3	276	3	US-09-894-018-141	Sequence 141, App
155	8	3.8	608	5	US-10-450-763-51713	Sequence 51713, A	228	7	3.3	276	4	US-10-425-114-61788	Sequence 61788, A
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158	7	3.3	15	3	US-09-894-018-280	Sequence 280, App	231	7	3.3	281	4	US-10-156-761-9544	Sequence 9544, Ap
159	7	3.3	15	4	US-10-103-395-11	Sequence 11, Appl	232	7	3.3	281	4	US-10-437-963-14073	Sequence 14073, A
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163	7	3.3	15	4	US-10-371-525-415	Sequence 415, App	236	7	3.3	294	5	US-10-732-923-19218	Sequence 19218, A
164	7	3.3	15	4	US-10-371-525-415	Sequence 415, App	237	7	3.3	295	5	US-10-204-921-76	Sequence 76, Appl
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285	7	3.3	377	3	US-09-978-188A-206	Sequence 206, App	358	7	3.3	377	5	US-10-165-036A-206	Sequence 206, App
286	7	3.3	377	3	US-09-978-681A-206	Sequence 206, App	359	7	3.3	377	6	US-11-129-762-206	Sequence 206, App
287	7	3.3	377	3	US-09-999-831A-206	Sequence 206, App	360	7	3.3	386	4	US-10-435-114-57729	Sequence 57729, A
288	7	3.3	377	3	US-09-978-194A-206	Sequence 206, App	361	7	3.3	387	4	US-10-214-446-42	Sequence 42, Appl
289	7	3.3	377	3	US-09-999-829A-206	Sequence 206, App	362	7	3.3	388	4	US-10-659-295-23	Sequence 23, Appl
290	7	3.3	377	3	US-09-978-544A-206	Sequence 206, App	363	7	3.3	388	5	US-10-880-101A-23	Sequence 23, Appl
291	7	3.3	377	3	US-09-978-665A-206	Sequence 206, App	364	7	3.3	394	4	US-10-156-761-10991	Sequence 10991, A
292	7	3.3	377	3	US-09-978-802A-206	Sequence 206, App	365	7	3.3	400	4	US-10-072-012-865	Sequence 865, App
293	7	3.3	377	3	US-09-999-831A-206	Sequence 206, App	366	7	3.3	407	4	US-10-437-963-183553	Sequence 183553,
294	7	3.3	377	3	US-09-978-824-206	Sequence 206, App	367	7	3.3	428	4	US-10-424-599-241840	Sequence 241840,
295	7	3.3	377	4	US-10-017-081A-206	Sequence 206, App	368	7	3.3	441	4	US-10-424-599-202743	Sequence 202743,
296	7	3.3	377	4	US-10-167-749-206	Sequence 206, App	369	7	3.3	446	4	US-10-217-096-4	Sequence 4, Appli
297	7	3.3	377	4	US-10-013-921A-206	Sequence 206, App	370	7	3.3	456	3	US-09-894-018-121	Sequence 121, App
298	7	3.3	377	4	US-10-013-929A-206	Sequence 206, App	371	7	3.3	456	5	US-10-474-960A-121	Sequence 121, App
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300	7	3.3	377	4	US-10-166-709A-206	Sequence 206, App	373	7	3.3	464	4	US-10-369-493-22643	Sequence 22643, A
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302	7	3.3	377	4	US-10-143-030A-206	Sequence 206, App	375	7	3.3	476	4	US-10-156-761-12978	Sequence 12978, A
303	7	3.3	377	4	US-10-002-967A-206	Sequence 206, App	376	7	3.3	478	6	US-11-097-143-3780	Sequence 3780, Ap
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305	7	3.3	377	4	US-10-145-128A-206	Sequence 206, App	378	7	3.3	484	5	US-10-732-923-1833	Sequence 1833, Ap
306	7	3.3	377	4	US-10-017-191A-206	Sequence 206, App	379	7	3.3	487	5	US-10-499-352A-477	Sequence 477, App
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310	7	3.3	377	4	US-10-165-089A-206	Sequence 206, App	383	7	3.3	506	5	US-10-499-352A-482	Sequence 482, App
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314	7	3.3	377	4	US-10-013-926A-206	Sequence 206, App	387	7	3.3	560	4	US-10-162-223-7	Sequence 7, Appli
315	7	3.3	377	4	US-10-165-247A-206	Sequence 206, App	388	7	3.3	560	4	US-10-366-345-53	Sequence 53, Appl
316	7	3.3	377	4	US-10-145-124A-206	Sequence 206, App	389	7	3.3	561	3	US-09-813-398-23	Sequence 23, Appl
317	7	3.3	377	4	US-10-160-502A-206	Sequence 206, App	390	7	3.3	561	5	US-10-826-324-23	Sequence 23, Appl
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394	7	3.3	595	5	US-10-732-923-19251	Sequence 19251, A	457	7	3.3	1041	3	US-09-978-375A-498	Sequence 498, App
395	7	3.3	596	3	US-09-886-319A-19	Sequence 19, Appl	468	7	3.3	1041	3	US-09-978-298A-498	Sequence 498, App
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397	7	3.3	596	4	US-10-376-564-19	Sequence 19, Appl	470	7	3.3	1041	3	US-09-978-681A-498	Sequence 498, App
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401	7	3.3	600	5	US-10-450-763-42383	Sequence 42383, A	474	7	3.3	1041	3	US-09-978-544A-498	Sequence 498, App
402	7	3.3	604	5	US-10-732-923-1832	Sequence 1832, Ap	475	7	3.3	1041	3	US-09-978-665A-498	Sequence 498, App
403	7	3.3	608	4	US-10-156-761-14030	Sequence 14030, A	476	7	3.3	1041	3	US-09-978-802A-498	Sequence 498, App
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411	7	3.3	618	4	US-10-467-685-5	Sequence 5, Appli	484	7	3.3	1041	4	US-10-016-177A-498	Sequence 498, App
412	7	3.3	619	5	US-10-450-763-52478	Sequence 52478, A	485	7	3.3	1041	4	US-10-235-767-3	Sequence 3, Appli
413	7	3.3	625	3	US-09-771-161A-242	Sequence 242, App	486	7	3.3	1041	4	US-10-166-709A-498	Sequence 498, App
414	7	3.3	625	3	US-09-771-161A-243	Sequence 243, App	487	7	3.3	1041	4	US-10-143-031A-498	Sequence 498, App
415	7	3.3	634	5	US-10-450-763-58739	Sequence 58739, A	488	7	3.3	1041	4	US-10-272-502A-26	Sequence 26, Appl
416	7	3.3	662	4	US-10-114-270-124	Sequence 124, App	489	7	3.3	1041	4	US-10-143-030A-498	Sequence 498, App
417	7	3.3	676	4	US-10-437-963-114875	Sequence 114875,	490	7	3.3	1041	4	US-10-002-967A-498	Sequence 498, App
418	7	3.3	679	4	US-10-369-493-5703	Sequence 5703, Ap	491	7	3.3	1041	4	US-10-017-083A-498	Sequence 498, App
419	7	3.3	694	4	US-10-156-761-13632	Sequence 13632, A	492	7	3.3	1041	4	US-10-145-128A-498	Sequence 498, App
420	7	3.3	700	4	US-10-437-963-128248	Sequence 128248,	493	7	3.3	1041	4	US-10-017-191A-498	Sequence 498, App
421	7	3.3	703	4	US-10-283-122A-51965	Sequence 51965, A	494	7	3.3	1041	4	US-10-143-028A-498	Sequence 498, App
422	7	3.3	729	4	US-10-369-493-4678	Sequence 4678, Ap	495	7	3.3	1041	4	US-10-143-029A-498	Sequence 498, App
423	7	3.3	734	3	US-09-738-626-4227	Sequence 4227, Ap	496	7	3.3	1041	4	US-10-145-089A-498	Sequence 498, App
424	7	3.3	740	4	US-10-369-493-7437	Sequence 7437, Ap	497	7	3.3	1041	4	US-10-185-067A-498	Sequence 498, App
425	7	3.3	772	3	US-09-935-799A-2	Sequence 2, Appli	498	7	3.3	1041	4	US-10-145-017A-498	Sequence 498, App
426	7	3.3	772	3	US-09-935-799A-5	Sequence 5, Appli	499	7	3.3	1041	4	US-10-164-728A-498	Sequence 498, App
427	7	3.3	775	3	US-09-883-227-112	Sequence 112, App	500	7	3.3	1041	4	US-10-013-926A-498	Sequence 498, App
428	7	3.3	775	4	US-10-283-122A-58796	Sequence 58796, A	501	7	3.3	1041	4	US-10-165-247A-498	Sequence 498, App
429	7	3.3	779	4	US-10-353-929-49	Sequence 49, Appl	502	7	3.3	1041	4	US-10-145-124A-498	Sequence 498, App
430	7	3.3	816	3	US-09-815-242-11849	Sequence 11849, A	503	7	3.3	1041	4	US-10-160-502A-498	Sequence 498, App
431	7	3.3	816	4	US-10-282-122A-66323	Sequence 66323, A	504	7	3.3	1041	4	US-10-145-087A-498	Sequence 498, App
432	7	3.3	821	6	US-11-097-143-38319	Sequence 38319, A	505	7	3.3	1041	4	US-10-017-086A-498	Sequence 498, App
433	7	3.3	836	4	US-10-108-260A-3700	Sequence 3700, Ap	506	7	3.3	1041	4	US-10-164-829A-498	Sequence 498, App
434	7	3.3	863	4	US-10-443-108-6	Sequence 6, Appli	507	7	3.3	1041	4	US-10-164-929A-498	Sequence 498, App
435	7	3.3	865	4	US-10-437-963-157975	Sequence 157975,	508	7	3.3	1041	4	US-10-013-922A-498	Sequence 498, App
436	7	3.3	900	5	US-10-450-763-50565	Sequence 50565, A	509	7	3.3	1041	4	US-10-020-445A-498	Sequence 498, App
437	7	3.3	932	4	US-10-425-115-330983	Sequence 330983,	510	7	3.3	1041	4	US-10-013-924A-498	Sequence 498, App
438	7	3.3	935	5	US-10-732-923-19249	Sequence 19249, A	511	7	3.3	1041	4	US-10-017-084A-498	Sequence 498, App
439	7	3.3	1003	5	US-10-732-923-22128	Sequence 22128, A	512	7	3.3	1041	4	US-10-145-016A-498	Sequence 498, App
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442	7	3.3	1040	3	US-09-864-761-38325	Sequence 38325, A	515	7	3.3	1041	4	US-10-145-129A-498	Sequence 498, App
443	7	3.3	1041	3	US-09-168-978-3	Sequence 3, Appli	516	7	3.3	1041	4	US-10-165-038A-498	Sequence 498, App
444	7	3.3	1041	3	US-09-978-295A-498	Sequence 498, App	517	7	3.3	1041	4	US-10-165-353A-498	Sequence 498, App
445	7	3.3	1041	3	US-09-978-697-498	Sequence 498, App	518	7	3.3	1041	4	US-10-167-600-498	Sequence 498, App
446	7	3.3	1041	3	US-09-978-192A-498	Sequence 498, App	519	7	3.3	1041	4	US-10-170-481A-498	Sequence 498, App
447	7	3.3	1041	3	US-09-999-832A-498	Sequence 498, App	520	7	3.3	1041	4	US-10-172-039A-498	Sequence 498, App
448	7	3.3	1041	3	US-09-978-189-498	Sequence 498, App	521	7	3.3	1041	4	US-10-020-028-498	Sequence 498, App
449	7	3.3	1041	3	US-09-978-608A-498	Sequence 498, App	522	7	3.3	1041	4	US-10-017-085A-498	Sequence 498, App
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453	7	3.3	1041	3	US-09-978-564A-498	Sequence 498, App	526	7	3.3	1041	4	US-10-162-521A-498	Sequence 498, App
454	7	3.3	1041	3	US-09-999-833A-498	Sequence 498, App	527	7	3.3	1041	4	US-10-013-928A-498	Sequence 498, App
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458	7	3.3	1041	3	US-09-999-834A-498	Sequence 498, App	531	7	3.3	1041	4	US-10-013-927A-498	Sequence 498, App
459	7	3.3	1041	3	US-09-978-423A-498	Sequence 498, App	532	7	3.3	1041	4	US-10-407-952-28	Sequence 28, Appl
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461	7	3.3	1041	3	US-09-999-830A-498	Sequence 498, App	534	7	3.3	1041	4	US-10-013-919A-498	Sequence 498, App
462	7	3.3	1041	3	US-09-978-757A-498	Sequence 498, App	535	7	3.3	1041	4	US-10-013-920A-498	Sequence 498, App
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464	7	3.3	1041	3	US-09-954-987B-184	Sequence 184, App	537	7	3.3	1041	4	US-10-013-917A-498	Sequence 498, App
465	7	3.3	1041	3	US-09-954-987B-186	Sequence 186, App	538	7	3.3	1041	4	US-10-732-563-16	Sequence 16, Appl

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545	7	3.3	1041	5	US-10-897-360-498	Sequence 498, Appl	618	6	2.9	30	4	US-10-296-734-347	Sequence 347, App
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547	7	3.3	1041	6	US-11-084-777-184	Sequence 184, Appl	620	6	2.9	31	4	US-10-772-656-30	Sequence 30, Appl
548	7	3.3	1041	6	US-11-084-777-186	Sequence 186, Appl	621	6	2.9	31	4	US-10-772-656-30	Sequence 30, Appl
549	7	3.3	1041	6	US-11-129-762-498	Sequence 498, Appl	622	6	2.9	32	5	US-10-742-469-105	Sequence 105, App
550	7	3.3	1048	3	US-09-920-267C-9	Sequence 9, Appl	623	6	2.9	32	5	US-10-742-469-204	Sequence 204, App
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553	7	3.3	1048	5	US-10-769-565-9	Sequence 9, Appl	626	6	2.9	35	4	US-10-424-599-187444	Sequence 187444, A
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555	7	3.3	1048	5	US-10-482-029-20	Sequence 20, Appl	628	6	2.9	37	3	US-09-892-877-396	Sequence 396, App
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557	7	3.3	1059	4	US-10-407-952-30	Sequence 30, Appl	630	6	2.9	39	4	US-10-789-433-16	Sequence 16, Appl
558	7	3.3	1059	5	US-10-753-267-30	Sequence 30, Appl	631	6	2.9	39	4	US-10-425-115-333127	Sequence 333127, App
559	7	3.3	1059	6	US-11-084-777-187	Sequence 187, Appl	632	6	2.9	40	4	US-10-424-599-165393	Sequence 165393, A
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561	7	3.3	1076	5	US-10-450-763-50564	Sequence 50564, A	634	6	2.9	41	4	US-10-424-599-157279	Sequence 157279, A
562	7	3.3	1144	4	US-10-282-122A-52088	Sequence 52088, A	635	6	2.9	42	3	US-10-724-972A-4884	Sequence 4884, Ap
563	7	3.3	1145	4	US-10-433-794-17	Sequence 17, Appl	636	6	2.9	43	4	US-09-864-761-38034	Sequence 38034, A
564	7	3.3	1405	6	US-11-097-143-8337	Sequence 8337, Ap	637	6	2.9	44	4	US-10-425-115-273429	Sequence 273429, A
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566	7	3.3	1656	5	US-10-450-763-50777	Sequence 50777, A	639	6	2.9	45	3	US-09-864-761-39637	Sequence 39637, A
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569	7	3.3	2230	5	US-10-756-143-5226	Sequence 5226, Ap	642	6	2.9	46	4	US-10-425-115-221641	Sequence 221641, A
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572	7	3.3	3234	4	US-10-093-463-168	Sequence 168, Appl	645	6	2.9	47	3	US-09-971-980-37	Sequence 37, Appl
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574	7	3.3	4106	5	US-10-732-923-14011	Sequence 14011, A	647	6	2.9	47	5	US-10-966-576-37	Sequence 37, Appl
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576	7	3.3	4144	5	US-10-732-923-14010	Sequence 14010, A	649	6	2.9	48	3	US-09-864-761-42358	Sequence 42358, A
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578	7	3.3	4840	4	US-10-156-761-10435	Sequence 10435, A	651	6	2.9	48	4	US-10-424-599-198617	Sequence 198617, A
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587	6	2.9	8	4	US-10-833-744-34	Sequence 34, Appl	660	6	2.9	54	4	US-10-193-477-54	Sequence 54, Appl
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596	6	2.9	9	4	US-10-424-955A-50	Sequence 50, Appl	669	6	2.9	56	4	US-10-424-599-189760	Sequence 189760, A
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598	6	2.9	9	5	US-10-982-514-51	Sequence 51, Appl	671	6	2.9	56	4	US-10-425-115-315625	Sequence 315625, A
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601	6	2.9	12	3	US-09-229-751A-34	Sequence 34, Appl	674	6	2.9	57	4	US-10-080-170-372	Sequence 372, App
602	6	2.9	12	3	US-09-229-751A-43	Sequence 43, Appl	675	6	2.9	57	4	US-10-424-599-259532	Sequence 259532, A
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604	6	2.9	13	4	US-10-772-656-101	Sequence 101, Appl	677	6	2.9	57	4	US-10-080-170-372	Sequence 372, App
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607	6	2.9	14	5	US-10-865-478-713	Sequence 713, Appl	680	6	2.9	57	4	US-10-468-356-372	Sequence 372, App
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611	6	2.9	15	5	US-10-794-514A-82	Sequence 82, Appl	684	6	2.9	58	3	US-09-974-879-168	Sequence 168, App

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687	6	2.9	58	4	US-10-621-401-168	Sequence 168, App	760	6	2.9	74	5	US-10-220-335-680	Sequence 680, App
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718	6	2.9	65	4	US-10-437-963-189440	Sequence 189440, A	791	6	2.9	80	4	US-10-319-763-132	Sequence 132, App
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720	6	2.9	66	4	US-10-437-963-120786	Sequence 120786, A	793	6	2.9	80	4	US-10-425-115-213852	Sequence 213852,
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727	6	2.9	68	3	US-09-833-245-981	Sequence 245981, App	800	6	2.9	82	3	US-09-764-878-116	Sequence 116, App
728	6	2.9	68	4	US-10-424-599-186216	Sequence 186216, A	801	6	2.9	82	3	US-09-843-676-176	Sequence 176, App
729	6	2.9	68	4	US-10-424-599-235201	Sequence 235201, A	802	6	2.9	82	3	US-09-438-486-176	Sequence 176, App
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732	6	2.9	68	4	US-10-425-115-247981	Sequence 247981, A	805	6	2.9	82	4	US-10-053-758-176	Sequence 176, App
733	6	2.9	69	4	US-10-424-599-232546	Sequence 232546, A	806	6	2.9	82	4	US-10-079-854-116	Sequence 116, App
734	6	2.9	69	4	US-10-767-701-48350	Sequence 48350, A	807	6	2.9	82	4	US-10-079-854-116	Sequence 116, App
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736	6	2.9	69	4	US-10-425-115-317874	Sequence 317874, A	809	6	2.9	82	4	US-10-325-810-295	Sequence 295, App
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742	6	2.9	71	4	US-10-369-294-22	Sequence 22, Appl	815	6	2.9	82	5	US-10-877-124-295	Sequence 295, App
743	6	2.9	71	4	US-10-369-294-24	Sequence 24, Appl	816	6	2.9	82	5	US-10-877-124-295	Sequence 295, App
744	6	2.9	71	4	US-10-369-294-25	Sequence 25, Appl	817	6	2.9	83	4	US-10-424-599-148403	Sequence 148403,
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755	6	2.9	73	4	US-10-424-599-222370	Sequence 222370, A	828	6	2.9	85	4	US-10-767-701-60576	Sequence 60576, A
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844	6	2.9	89	4	US-10-767-701-38309	Sequence 38309, A	917	6	2.9	101	4	US-10-425-115-356950	Sequence 356950,
845	6	2.9	89	4	US-10-767-701-55652	Sequence 55652, A	918	6	2.9	101	5	US-10-693-056-511	Sequence 511, App
846	6	2.9	90	4	US-10-289-763-1151	Sequence 1151, Ap	919	6	2.9	101	5	US-10-840-723-511	Sequence 511, App
847	6	2.9	90	4	US-10-424-599-237557	Sequence 237557,	920	6	2.9	101	5	US-10-971-602-511	Sequence 511, App
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850	6	2.9	90	4	US-10-693-057-508	Sequence 508, App	923	6	2.9	102	4	US-10-424-599-185674	Sequence 185674,
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995 6 2.9 116 4 US-10-437-963-127158 Sequence 127158,
996 6 2.9 116 4 US-10-437-963-129432 Sequence 129432,
997 6 2.9 116 4 US-10-767-701-60417 Sequence 60417, A
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ALIGNMENTS

RESULT 1
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; Sequence 24, Application US/09822485
; Patent No. US20020001825A1
; GENERAL INFORMATION:
; APPLICANT: Itoh, No. US20020001825A1e1 Fibroblast Growth Factor-Like Polypeptides
; TITLE OF INVENTION: No. US20020001825A1e1 Fibroblast Growth Factor-Like Polypeptides
; FILE REFERENCE: 08035.0001-01000
; CURRENT APPLICATION NUMBER: US/09/822,485
; CURRENT FILING DATE: 2001-04-02
; NUMBER OF SEQ ID NOS: 35
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 24
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Homo sapiens
; PUBLICATION INFORMATION:
; JOURNAL: Biochim. Biophys. Acta
; DATE: 2000
US-09-822-485-24
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Best Local Similarity 100.0%; Pred. No. 4.3e-185;
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US-09-801-968-15
; Sequence 15, Application US/09801968
; Patent No. US20020008220SAL
; GENERAL INFORMATION:
; APPLICANT: Itoh, No. US20020008220SAluyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN FGF-23 GENE AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: PP-17149.001/201130.409
; CURRENT APPLICATION NUMBER: US/09/801,968
; CURRENT FILING DATE: 2001-03-07
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 15
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-801-968-15
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Best Local Similarity 100.0%; Pred. No. 4.3e-185;
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; Sequence 15, Application US/09801968
; Patent No. US20020008220SAL
; GENERAL INFORMATION:
; APPLICANT: Itoh, No. US20020008220SAluyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN FGF-23 GENE AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: PP-17150.001/201130.40901
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US-09-801-968-15
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US-09-802-154-15
; Sequence 15, Application US/09802154
; Publication No. US20030105302A1
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; APPLICANT: Itoh, No. US20030105302Aluyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN FGF-23 GENE AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: PP-17149.001/201130.409
; CURRENT APPLICATION NUMBER: US/09/802,154
; CURRENT FILING DATE: 2001-03-07
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; ORGANISM: Homo sapiens
US-09-802-154-15
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RESULT 4
US-10-060-765-4
; Sequence 4, Application US/10060765
; Publication No. US20020164713A1
; GENERAL INFORMATION:
; APPLICANT: Itoh, Nobuyuki
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/10/060,765
; CURRENT FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: US/09/715,805
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-060-765-4

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RESULT 5
US-10-374-207-24
; Sequence 24, Application US/10374207
; Publication No. US20030170822A1
; GENERAL INFORMATION:
; APPLICANT: Itoh, Nobuyuki
; TITLE OF INVENTION: Fibroblast Growth Factor-Like Molecules and Uses Thereof
; FILE REFERENCE: 08035.0001-02000
; CURRENT APPLICATION NUMBER: US/10/374,207
; CURRENT FILING DATE: 2003-02-25
; PRIOR APPLICATION NUMBER: US 09/822,485
; PRIOR FILING DATE: 2001-04-02
; PRIOR APPLICATION NUMBER: US 09/540,118
; PRIOR FILING DATE: 2000-03-31
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 24
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Homo sapiens
; PUBLICATION INFORMATION:
; JOURNAL: Biochim. Biophys. Acta
; DATE: 2000

US-10-374-207-24

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Best Local Similarity 100.0%; Pred. No. 4.3e-185;
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RESULT 6
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; Sequence 4, Application US/10818140
; Publication No. US20040185494A1
; GENERAL INFORMATION:
; APPLICANT: Itoh, Nobuyuki
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/10/818,140
; CURRENT FILING DATE: 2004-04-05
; PRIOR APPLICATION NUMBER: US/09/715,805
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
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; SEQ ID NO 4
; LENGTH: 209
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US-10-818-140-4

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Db 61 LEIREDDGTGGAADQSPESLLQKALKEGVIQILGVKTSRFLCQRPDGDGALYGLSLHFDPEA 120
Qy 121 CSFRELLEDGYNVYQSEAHGLPLHLPGNKS PHRDPA PRGPARFLPLGLPPALPEPPGI 180
Db 121 CSFRELLEDGYNVYQSEAHGLPLHLPGNKS PHRDPA PRGPARFLPLGLPPALPEPPGI 180
Qy 181 LAPQPPDVGVSSDPLSMVGPQGRSPSYAS 209
Db 181 LAPQPPDVGVSSDPLSMVGPQGRSPSYAS 209

RESULT 7
US-10-771-173-4
; Sequence 4, Application US/10771173
; Publication No. US20050037457A1
; GENERAL INFORMATION:
; APPLICANT: Itoh, Nobuyuki
; APPLICANT: Kavanagh, W. Michael

```

; TITLE OF INVENTION: HUMAN FGP-21 GENE AND GENE EXPRESSION
;
; TITLE OF INVENTION: PRODUCTS
;
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/10/771,173
; CURRENT FILING DATE: 2004-02-03
; PRIOR APPLICATION NUMBER: US/09/715,805
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-771-173-4

```

```
Query Match      100.0%; Score 209; DB 5; Length 209;
Best Local Similarity 100.0%; Pred. No. 4.3e-185;
Matches 209; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

[illegible]

Qy 61 LEIREDTVGGAADQSPESILQLKALKPGVIQILGWKTSRFLCQRDPDGLYGSLLHFDPEA 120
|||
Db 61 LEIREDTVGGAADQSPESILQLKALKPGVIQILGWKTSRFLCQRDPDGLYGSLLHFDPEA 120

[illegible]

Qy	181	LAPQPPDVGSSDPLSMVGFSQGRSPSYAS	209
Db <td>181 <td>LAPQPPDVGSSDPLSMVGFSQGRSPSYAS <td>209</td> </td></td>	181 <td>LAPQPPDVGSSDPLSMVGFSQGRSPSYAS <td>209</td> </td>	LAPQPPDVGSSDPLSMVGFSQGRSPSYAS <td>209</td>	209

```

RESULT 8
US-10-659-004-68
; Sequence 68, Application US/10659004
; Publication No. US20050048507A1
; GENERAL INFORMATION:
; APPLICANT: Zhong et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-608
; CURRENT APPLICATION NUMBER: US/10/659,004
; CURRENT FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: 60/295,607
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/295,661
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/296,404
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/296,418
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/297,414
; PRIOR FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: 60/297,567
; PRIOR FILING DATE: 2001-06-12
; PRIOR APPLICATION NUMBER: 60/298,285
; PRIOR FILING DATE: 2001-06-14
; PRIOR APPLICATION NUMBER: 60/298,556
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/299,949
; PRIOR FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: 60/300,883
; PRIOR FILING DATE: 2001-06-26
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 187
; SOFTWARE: CuraSeqdist version 0.1
; SEQ ID NO 68
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Homo sapiens

```

US-10-659-004-68

```
Query Match          97.1%; Score 203; DB 5; Length 209;
Best Local Similarity 100.0%; Pred. No. 1.6e-179;
Matches 203; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy	7	GFEHSGLWVSVL	AGLLGACQ	QHPI	PDSSPLLQ	FGGQVRQRYLY	TDDAQOTEAH	LEIRE	66
-									
Db	7	GFEHSGLWVSVL <th>AGLLGACQ</th> <th>QHPI</th> <th>PDSSPLLQ</th> <th>FGGQVRQRYLY</th> <th>TDDAQOTEAH</th> <th>LEIRE</th> <th>66</th>	AGLLGACQ	QHPI	PDSSPLLQ	FGGQVRQRYLY	TDDAQOTEAH	LEIRE	66

	Qy	Db
67	GTWGGAADQSPESLLQLKALPGVIQILGVKTSRFLCQRPDGLYGSLLHDFEACSFREL	126
67	GTWGGAADQSPESLLQLKALPGVIQILGVKTSRFLCQRPDGLYGSLLHDFEACSFREL	126

	Qy	Db
127	LLEDGYNVQSEAHGLPLHLPGNKS	LLEDGYNVQSEAHGLPLHLPGNKS
	PHRDPA	PHRDPA
	PRGFPL	PRGFPL
	PLPGL	PLPGL
	PALPE	PALPE
	PPPGILAQPP	PPPGILAQPP
	1866	1866

Qy	187	DVGSSDPLSMVGPQGRSPSYAS	209
Db	187	DVGSSDPLSMVGPQGRSPSYAS	209

```

RESULT 9
US-10-659-004-70
; Sequence 70, Application US/10659004
; Publication No. US20050048507A1
; GENERAL INFORMATION:
; APPLICANT: Zhong et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-608
; CURRENT APPLICATION NUMBER: US/10/659,004
; CURRENT FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: 60/295,607
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/295,661
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/296,404
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/296,418
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/297,414
; PRIOR FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: 60/297,567
; PRIOR FILING DATE: 2001-06-12
; PRIOR APPLICATION NUMBER: 60/298,285
; PRIOR FILING DATE: 2001-06-14
; PRIOR APPLICATION NUMBER: 60/298,556
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/299,949
; PRIOR FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: 60/300,883
; PRIOR FILING DATE: 2001-06-26
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 187
; SOFTWARE: CuraSeqList version 0.1
; SEQ ID NO 70
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-659-004-70

```

```
Query Match          97.1%; Score 203; DB 5; Length 209;
Best Local Similarity 100.0%; Pred. No. 1.6e-179;
Matches 203; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
```

Qy 7 GFHSGI WSVL AGLLLGACQAHPIDSSPLLQFGGVQRRLYTDDAQQTAAHLFIRED 66
Dd 7 GFHSGI WSVL AGLLLGACQAHPIDSSPLLQFGGVQRRLYTDDAQQTAAHLFIRED 66			

Qy	67	GT	GG	AA	DQ	PES	LQ	LK	AL	KP	GI	QI	LG	VT	SR	FL	CQ	PD	GA	LG	SF	HA	DF	EA	CS	FR	EL	126
Dd	67	GT	GG	AA	DQ	PES	LQ	LK	AL	KP	GI	QI	LG	VT	SR	FL	CQ	PD	GA	LG	SF	HA	DF	EA	CS	FR	EL	126

QY 127 LLEDGYNVYQSEAHGLPLHLPGNKSHPDRPAPRGPARFLPLGLPALPEPPGILAPQPP 186
Db 127 LLEDGYNVYQSEAHGLPLHLPGNKSHPDRPAPRGPARFLPLGLPALPEPPGILAPQPP 186
QY 187 DVGSSDPLSMVGPSCQSRSPSYAS 209
Db 187 DVGSSDPLSMVGPSCQSRSPSYAS 209

RESULT 10

US-10-659-004-66
; Sequence 66, Application US/10659004
; Publication No. US20050048507A1
; GENERAL INFORMATION:
; APPLICANT: Zhong et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-608
; CURRENT APPLICATION NUMBER: US/10/659,004
; CURRENT FILING DATE: 2003-09-09
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/295,607
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/295,661
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/296,404
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/297,567
; PRIOR FILING DATE: 2001-06-12
; PRIOR APPLICATION NUMBER: 60/296,418
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/297,414
; PRIOR FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: 60/297,567
; PRIOR FILING DATE: 2001-06-12
; PRIOR APPLICATION NUMBER: 60/298,285
; PRIOR FILING DATE: 2001-06-14
; PRIOR APPLICATION NUMBER: 60/298,556
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/299,949
; PRIOR FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: 60/300,883
; PRIOR FILING DATE: 2001-06-26
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 187
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 66
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-659-004-66

Query Match 91.9%; Score 192; DB 5; Length 209;
Best Local Similarity 100.0%; Pred. No. 2.4e-169;
Matches 192; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 18 LAGLLGACQAHPIPDSSPLFLQFGQVRQRYLYTDDAQTEAHLEIREDTGVGGADQSP 77
Db 18 LAGLLGACQAHPIPDSSPLFLQFGQVRQRYLYTDDAQTEAHLEIREDTGVGGADQSP 77
QY 78 ESSLQKALKPGVIQILGVKTSRFLCQRPDQALYGLSLHFDPEACSFRELLLEDGYNVYQS 137
Db 78 ESSLQKALKPGVIQILGVKTSRFLCQRPDQALYGLSLHFDPEACSFRELLLEDGYNVYQS 137
QY 138 EAHGLPLHLPGNKSHPDRPAPRGPARFLPLGLPALPEPPGILAPQPPDVGSSDPLSMV 197
Db 138 EAHGLPLHLPGNKSHPDRPAPRGPARFLPLGLPALPEPPGILAPQPPDVGSSDPLSMV 197
QY 198 GPSQGRSPSYAS 209
Db 198 GPSQGRSPSYAS 209

RESULT 11

US-09-755-695-2
; Sequence 2, Application US/09755695

; Patent No. US20020081663A1
; GENERAL INFORMATION:
; APPLICANT: Conklin, Darrell C.
; APPLICANT: Chen, Zhi
; TITLE OF INVENTION: NOVEL FGF HOMOLOG 2FGF11
; FILE REFERENCE: 00-03
; CURRENT APPLICATION NUMBER: US/09/755,695
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/174,526
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-755-695-2

Query Match 90.0%; Score 188; DB 3; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.2e-165;
Matches 188; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 22 LLGACQAHPIPDSSPLFLQFGQVRQRYLYTDDAQTEAHLEIREDTGVGGADQSPESLL 81
Db 21 LLGACQAHPIPDSSPLFLQFGQVRQRYLYTDDAQTEAHLEIREDTGVGGADQSPESLL 80
QY 82 QLKALKPGVIQILGVKTSRFLCQRPDQALYGLSLHFDPEACSFRELLLEDGYNVYQSEAHG 141
Db 81 QLKALKPGVIQILGVKTSRFLCQRPDQALYGLSLHFDPEACSFRELLLEDGYNVYQSEAHG 140
QY 142 LPLHLPGNKSHPDRPAPRGPARFLPLGLPALPEPPGILAPQPPDVGSSDPLSMVGPSPQ 201
Db 141 LPLHLPGNKSHPDRPAPRGPARFLPLGLPALPEPPGILAPQPPDVGSSDPLSMVGPSPQ 200
QY 202 GRSPSYAS 209
Db 201 GRSPSYAS 208

RESULT 12

US-10-227-884-78
; Sequence 78, Application US/10227884
; Publication No. US20030027988A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C79
; CURRENT APPLICATION NUMBER: US/10/227,884
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910

PRIOR APPLICATION NUMBER: 60/100919	PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/101477	PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101738	PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101741	PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101786	PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: 60/101916	PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101922	PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/106178	PRIOR FILING DATE: 1998-10-28
PRIOR APPLICATION NUMBER: 60/106248	PRIOR FILING DATE: 1998-10-29
PRIOR APPLICATION NUMBER: 60/106464	PRIOR FILING DATE: 1998-10-30
PRIOR APPLICATION NUMBER: 60/106905	PRIOR FILING DATE: 1998-11-03
PRIOR APPLICATION NUMBER: 60/108787	PRIOR FILING DATE: 1998-11-17
PRIOR APPLICATION NUMBER: 60/108801	PRIOR FILING DATE: 1998-11-17
PRIOR APPLICATION NUMBER: 60/108849	PRIOR FILING DATE: 1998-11-18
PRIOR APPLICATION NUMBER: 60/112422	PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: 60/113296	PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/113605	PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/115565	PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/113621	PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/115558	PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/115565	PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/115733	PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/119549	PRIOR FILING DATE: 1999-02-10
PRIOR APPLICATION NUMBER: 60/123618	PRIOR FILING DATE: 1999-03-10
PRIOR APPLICATION NUMBER: 60/125259	PRIOR FILING DATE: 1999-03-19
PRIOR APPLICATION NUMBER: 60/125775	PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/126773	PRIOR FILING DATE: 1999-03-29
PRIOR APPLICATION NUMBER: 60/127987	PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 60/130232	PRIOR FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: 60/130222	PRIOR FILING DATE: 1999-04-26
PRIOR APPLICATION NUMBER: 60/131270	PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131291	PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131445	PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 60/134287	PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 60/140650	PRIOR FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: 60/140723	PRIOR FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: 60/141037	PRIOR FILING DATE: 1999-06-23
PRIOR APPLICATION NUMBER: 60/144758	PRIOR FILING DATE: 1999-06-23

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; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/145698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: 60/146222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: 60/146963
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/149320
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/149638
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/151733
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 60/164418
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/166361
; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/169445
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169495
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

Query Match
Best Local Similarity 100.0%; Score 188; DB 4; Length 208;
Matches 188; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 22 LLGACQAHPIPDSSPLQGGVQRQRYLYTDDAQQTAAHLEIREDTGVGAADQSPESLL 81
DB 21 LLGACQAHPIPDSSPLQGGVQRQRYLYTDDAQQTAAHLEIREDTGVGAADQSPESLL 80
QY 82 QLKALKPGVIOILGKTSFPCQRPDQALYSLHFDPEACSFRELLLEDGYNVYQSEAHG 141
DB 81 QLKALKPGVIOILGKTSFPCQRPDQALYSLHFDPEACSFRELLLEDGYNVYQSEAHG 140
QY 142 LPLHLPGNKSHPRDAPRGPAPRFLPLGLPPALPPPPGILAPQPPDVGSSDPLSMVGFSQ 201
DB 141 LPLHLPGNKSHPRDAPRGPAPRFLPLGLPPALPPPPGILAPQPPDVGSSDPLSMVGFSQ 200
QY 202 GRSPSYAS 209
DB 201 GRSPSYAS 208

RESULT 13
US-10-230-163-78
; Sequence 78, Application US/10230163
; Publication No. US20030036635A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC96
; CURRENT APPLICATION NUMBER: US/10/230,163
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086392
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089905
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090691
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/095302
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095318
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095916
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/096146
; PRIOR FILING DATE: 1998-08-11
; PRIOR APPLICATION NUMBER: 60/096791
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/097986
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: 60/098544
; PRIOR FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099803
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099811
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100038
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100390
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PRIOR FILING DATE: 1998-09-15	PRIOR APPLICATION NUMBER: 60/100627
PRIOR FILING DATE: 1998-09-16	PRIOR APPLICATION NUMBER: 60/100627
PRIOR FILING DATE: 1998-09-16	PRIOR APPLICATION NUMBER: 60/100848
PRIOR FILING DATE: 1998-09-18	PRIOR APPLICATION NUMBER: 60/100919
PRIOR FILING DATE: 1998-09-17	PRIOR APPLICATION NUMBER: 60/101477
PRIOR FILING DATE: 1998-09-23	PRIOR APPLICATION NUMBER: 60/101738
PRIOR FILING DATE: 1998-09-24	PRIOR APPLICATION NUMBER: 60/101741
PRIOR FILING DATE: 1998-09-24	PRIOR APPLICATION NUMBER: 60/101786
PRIOR FILING DATE: 1998-09-25	PRIOR APPLICATION NUMBER: 60/101916
PRIOR FILING DATE: 1998-09-24	PRIOR APPLICATION NUMBER: 60/101922
PRIOR FILING DATE: 1998-09-24	PRIOR APPLICATION NUMBER: 60/106178
PRIOR FILING DATE: 1998-10-28	PRIOR APPLICATION NUMBER: 60/106248
PRIOR FILING DATE: 1998-10-29	PRIOR APPLICATION NUMBER: 60/106464
PRIOR FILING DATE: 1998-10-30	PRIOR APPLICATION NUMBER: 60/106905
PRIOR FILING DATE: 1998-11-03	PRIOR APPLICATION NUMBER: 60/108787
PRIOR FILING DATE: 1998-11-17	PRIOR APPLICATION NUMBER: 60/108801
PRIOR FILING DATE: 1998-11-17	PRIOR APPLICATION NUMBER: 60/108849
PRIOR FILING DATE: 1998-11-18	PRIOR APPLICATION NUMBER: 60/112422
PRIOR FILING DATE: 1998-12-15	PRIOR APPLICATION NUMBER: 60/113296
PRIOR FILING DATE: 1998-12-22	PRIOR APPLICATION NUMBER: 60/113605
PRIOR FILING DATE: 1998-12-23	PRIOR APPLICATION NUMBER: 60/115565
PRIOR FILING DATE: 1999-01-12	PRIOR APPLICATION NUMBER: 60/115733
PRIOR FILING DATE: 1999-01-12	PRIOR APPLICATION NUMBER: 60/119549
PRIOR FILING DATE: 1999-02-10	PRIOR APPLICATION NUMBER: 60/123618
PRIOR FILING DATE: 1999-03-10	PRIOR APPLICATION NUMBER: 60/125259
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APPLICANT: WOOD, WILLIAM I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC


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; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
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; PRIOR APPLICATION NUMBER: 60/064103
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; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 78
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-230-338-78

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; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C14
; CURRENT APPLICATION NUMBER: US/10/218,631
; CURRENT FILING DATE: 2002-08-12
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
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; SEQ ID NO 78
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-218-631-78

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Matches 188; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Search completed: January 13, 2006, 17:39:47
Job time : 74 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: January 13, 2006, 17:33:30 ; Search time 9 Seconds
(without alignments)
219.548 Million cell updates/sec

Title: US-10-060-765-4

Perfect score: 209

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Scoring table:

Gapop 60.0 , Gapext 60.0

Searched: 67062 seqs, 9454214 residues

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Total number of hits satisfying chosen parameters: 67062

Minimum DB seq length: 0

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Post-processing: Listing first 1000 summaries

Database : Published Applications AA New:*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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2	7	3.3	772	7 US-11-147-238-5	Sequence 5, Appli
3	6	2.9	26	6 US-10-966-483-44	Sequence 44, Appl
4	6	2.9	26	7 US-11-021-441-45	Sequence 45, Appl
5	6	2.9	59	7 US-11-021-441-109	Sequence 109, App
6	6	2.9	119	6 US-10-485-517-147	Sequence 147, App
7	6	2.9	122	6 US-10-467-557-7782	Sequence 1782, Ap
8	6	2.9	126	6 US-10-467-557-4260	Sequence 4260, Ap
9	6	2.9	127	6 US-10-793-626-242	Sequence 242, App
10	6	2.9	155	6 US-10-467-557-7322	Sequence 7322, Ap
11	6	2.9	157	6 US-10-957-569-64	Sequence 64, Appl
12	6	2.9	158	6 US-10-467-557-7326	Sequence 7326, Ap
13	6	2.9	184	6 US-10-742-634-5	Sequence 5, Appli
14	6	2.9	184	6 US-10-967-527A-5	Sequence 5, Appli
15	6	2.9	194	6 US-10-995-561-784	Sequence 784, App
16	6	2.9	229	7 US-11-063-343-34	Sequence 34, Appl
17	6	2.9	233	6 US-10-858-730-234	Sequence 234, App
18	6	2.9	233	7 US-11-035-822-54	Sequence 54, Appl
19	6	2.9	240	7 US-11-021-441-28	Sequence 28, Appl
20	6	2.9	243	6 US-10-467-557-5538	Sequence 5538, Ap
21	6	2.9	245	6 US-10-467-557-7884	Sequence 7884, Ap
22	6	2.9	247	6 US-10-793-626-2070	Sequence 2070, Ap
23	6	2.9	260	6 US-10-453-372-816	Sequence 816, App
24	6	2.9	268	6 US-10-467-557-4064	Sequence 4064, Ap
25	6	2.9	278	6 US-10-453-372-814	Sequence 814, App

26	6	2.9	279	6 US-10-883-512-105	Sequence 105, App
27	6	2.9	294	6 US-10-858-730-118	Sequence 118, App
28	6	2.9	313	6 US-10-793-626-3102	Sequence 3102, Ap
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30	6	2.9	367	6 US-10-888-962-6	Sequence 6, Appli
31	6	2.9	383	6 US-10-793-626-2168	Sequence 2168, Ap
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33	6	2.9	413	6 US-10-467-557-2122	Sequence 2122, Ap
34	6	2.9	414	6 US-10-821-234-1170	Sequence 1170, Ap
35	6	2.9	426	7 US-11-174-150-44	Sequence 44, Appl
36	6	2.9	428	6 US-10-485-517-371	Sequence 371, App
37	6	2.9	437	7 US-11-082-389-180	Sequence 180, App
38	6	2.9	438	6 US-10-995-561-589	Sequence 589, App
39	6	2.9	462	6 US-10-467-557-622	Sequence 622, App
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44	6	2.9	479	7 US-11-021-441-20	Sequence 20, Appl
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51	6	2.9	512	6 US-10-517-939-236	Sequence 236, App
52	6	2.9	537	6 US-10-467-557-4136	Sequence 4136, Ap
53	6	2.9	544	6 US-10-467-557-2436	Sequence 2436, Ap
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55	6	2.9	563	6 US-10-966-483-25	Sequence 25, Appl
56	6	2.9	563	7 US-11-021-441-9	Sequence 9, Appli
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61	6	2.9	606	6 US-10-624-332-16	Sequence 16, Appl
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64	6	2.9	618	7 US-11-052-554A-150	Sequence 150, App
65	6	2.9	703	6 US-10-821-234-1317	Sequence 1317, Ap
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74	6	2.9	1019	6 US-10-995-561-982	Sequence 982, App
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78	6	2.9	1163	7 US-11-044-899-2	Sequence 2, Appli
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117	5	2.4	18	6	US-10-985-426-6	Sequence 6, Appli	190	5	2.4	120	7	US-11-074-176-138	Sequence 138, App
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137	5	2.4	40	6	US-10-485-517-149	Sequence 149, App	210	5	2.4	141	7	US-11-119-098-1	Sequence 1, Appli
138	5	2.4	40	6	US-10-485-517-353	Sequence 353, App	211	5	2.4	142	6	US-10-454-437-334	Sequence 334, App
139	5	2.4	40	6	US-10-957-887B-273	Sequence 273, App	212	5	2.4	144	7	US-11-000-463-376	Sequence 376, App
140	5	2.4	45	6	US-10-986-501-127	Sequence 127, App	213	5	2.4	145	6	US-10-793-626-2564	Sequence 2564, Ap
141	5	2.4	46	6	US-10-467-657-6184	Sequence 6184, Ap	214	5	2.4	145	6	US-10-467-657-6506	Sequence 6506, Ap
142	5	2.4	48	6	US-10-986-501-227	Sequence 227, App	215	5	2.4	145	7	US-11-021-305-5	Sequence 5, Appli
143	5	2.4	49	7	US-11-033-039-223	Sequence 223, App	216	5	2.4	146	6	US-10-835-615-341	Sequence 341, App
144	5	2.4	52	6	US-10-914-165-7	Sequence 7, Appli	217	5	2.4	146	6	US-10-835-615-443	Sequence 443, App
145	5	2.4	53	6	US-10-512-184-38	Sequence 38, Appl	218	5	2.4	146	6	US-10-793-626-2588	Sequence 2588, Ap
146	5	2.4	54	6	US-10-467-657-3784	Sequence 3784, Ap	219	5	2.4	146	7	US-10-467-657-1656	Sequence 1656, Ap
147	5	2.4	61	6	US-10-467-657-4788	Sequence 4788, App	220	5	2.4	146	7	US-11-000-463-881	Sequence 881, App
148	5	2.4	64	6	US-10-467-657-9117	Sequence 9117, App	221	5	2.4	147	6	US-10-467-657-2000	Sequence 2000, Ap
149	5	2.4	68	6	US-10-467-657-3830	Sequence 3830, Ap	222	5	2.4	149	6	US-10-467-657-2862	Sequence 2862, Ap
150	5	2.4	69	6	US-10-467-657-5370	Sequence 5270, Ap	223	5	2.4	152	6	US-10-467-657-2466	Sequence 2466, Ap
151	5	2.4	76	6	US-10-467-657-8532	Sequence 8532, Ap	224	5	2.4	153	6	US-10-689-742-216	Sequence 216, App
152	5	2.4	78	7	US-11-055-822-1042	Sequence 1042, Ap	225	5	2.4	155	6	US-10-995-561-953	Sequence 953, App
153	5	2.4	85	7	US-11-194-246-305	Sequence 305, App	226	5	2.4	155	7	US-11-149-462-7	Sequence 7, Appli
154	5	2.4	89	6	US-10-467-657-3542	Sequence 3542, App	227	5	2.4	158	6	US-10-467-657-83	Sequence 83, Appl
155	5	2.4	89	6	US-10-485-788A-815	Sequence 815, App	228	5	2.4	158	6	US-10-793-626-290	Sequence 290, App
156	5	2.4	89	7	US-11-053-076-200	Sequence 200, App	229	5	2.4	160	6	US-10-793-626-2940	Sequence 2940, Ap
157	5	2.4	90	6	US-10-485-788A-646	Sequence 646, App	230	5	2.4	161	7	US-11-214-371-2	Sequence 2, Appli
158	5	2.4	90	7	US-11-053-076-14	Sequence 14, Appl	231	5	2.4	162	6	US-10-667-295-132	Sequence 132, App
159	5	2.4	93	6	US-10-485-788A-634	Sequence 634, App	232	5	2.4	164	6	US-10-467-657-6834	Sequence 6834, Ap
160	5	2.4	93	7	US-11-053-076-2	Sequence 2, Appli	233	5	2.4	164	7	US-11-212-443-8	Sequence 8, Appli
161	5	2.4	94	6	US-11-124-368A-251	Sequence 251, App	234	5	2.4	166	6	US-10-467-657-1396	Sequence 1396, Ap
162	5	2.4	94	6	US-10-821-234-1123	Sequence 1123, Ap	235	5	2.4	168	7	US-11-097-749-58	Sequence 58, Appl
163	5	2.4	94	7	US-11-212-443-160	Sequence 160, App	236	5	2.4	169	6	US-10-689-742-80	Sequence 80, Appl
164	5	2.4	96	6	US-10-821-234-1555	Sequence 1655, Ap	237	5	2.4	171	6	US-10-467-657-8576	Sequence 8576, Ap
165	5	2.4	96	6	US-10-925-366A-222	Sequence 222, App	238	5	2.4	172	7	US-11-090-916-15	Sequence 15, Appl
166	5	2.4	97	7	US-11-179-478-18	Sequence 18, Appl	239	5	2.4	173	6	US-10-821-234-1452	Sequence 1452, Ap
167	5	2.4	99	7	US-11-000-463-934	Sequence 934, App	240	5	2.4	178	6	US-10-667-295-131	Sequence 131, App
168	5	2.4	100	7	US-11-053-076-46	Sequence 46, Appl	241	5	2.4	179	6	US-10-467-657-4526	Sequence 4526, Ap
169	5	2.4	100	7	US-11-053-076-125	Sequence 125, App	242	5	2.4	179	6	US-10-467-657-6542	Sequence 6542, Ap
170	5	2.4	101	7	US-11-053-076-134	Sequence 134, App	243	5	2.4	179	7	US-11-106-399-10	Sequence 10, Appl
171	5	2.4	101	7	US-11-055-822-272	Sequence 272, App	244	5	2.4	180	6	US-10-485-517-194	Sequence 194, App

245	5	2.4	180	6	US-10-485-517-322	Sequence 322, App	318	5	2.4	232	6	US-10-467-657-4338	Sequence 4338, Ap
246	5	2.4	180	6	US-10-980-388-61	Sequence 61, Appl	319	5	2.4	237	7	US-11-108-172-1062	Sequence 1062, Ap
247	5	2.4	180	7	US-11-122-443-194	Sequence 194, App	320	5	2.4	238	6	US-10-485-517-191	Sequence 191, App
248	5	2.4	181	7	US-11-000-463-409	Sequence 409, App	321	5	2.4	238	6	US-10-623-155-174	Sequence 174, App
249	5	2.4	181	7	US-10-131-826A-174	Sequence 174, App	322	5	2.4	238	6	US-10-873-528-23	Sequence 23, Appl
250	5	2.4	182	6	US-10-485-517-386	Sequence 386, App	323	5	2.4	239	6	US-10-503-972-6	Sequence 6, Appl
251	5	2.4	182	6	US-11-055-822-244	Sequence 244, App	324	5	2.4	239	7	US-11-136-341A-2	Sequence 2, Appl
252	5	2.4	183	6	US-10-467-657-5600	Sequence 5600, Ap	325	5	2.4	239	7	US-11-136-341A-3	Sequence 3, Appl
253	5	2.4	184	6	US-10-667-295-130	Sequence 130, App	326	5	2.4	240	6	US-10-793-626-1972	Sequence 1972, Ap
254	5	2.4	184	6	US-10-821-234-1415	Sequence 1415, Ap	327	5	2.4	240	7	US-11-055-822-476	Sequence 476, App
255	5	2.4	184	6	US-10-055-877-198	Sequence 198, App	328	5	2.4	240	7	US-11-055-822-892	Sequence 882, App
256	5	2.4	185	6	US-10-967-527A-32	Sequence 32, Appl	329	5	2.4	240	7	US-11-212-443-159	Sequence 159, App
257	5	2.4	185	6	US-10-467-657-5680	Sequence 5680, Ap	330	5	2.4	241	6	US-10-821-234-1502	Sequence 1602, Ap
258	5	2.4	187	7	US-11-052-554A-18	Sequence 18, Appl	331	5	2.4	242	6	US-10-454-437-92	Sequence 92, Appl
259	5	2.4	188	6	US-10-858-730-230	Sequence 230, App	332	5	2.4	242	7	US-11-097-749-5	Sequence 5, Appl
260	5	2.4	192	6	US-10-821-234-1299	Sequence 1299, App	333	5	2.4	243	7	US-11-082-389-268	Sequence 268, App
261	5	2.4	193	6	US-10-467-657-540	Sequence 540, App	334	5	2.4	243	7	US-11-108-172-1122	Sequence 1122, Ap
262	5	2.4	193	7	US-11-085-775-4	Sequence 4, Appl	335	5	2.4	244	6	US-10-514-040-4	Sequence 4, Appl
263	5	2.4	194	6	US-10-986-501-341	Sequence 341, App	336	5	2.4	244	7	US-11-157-947-1	Sequence 1, Appl
264	5	2.4	194	6	US-10-793-626-140	Sequence 140, App	337	5	2.4	244	7	US-11-052-554A-323	Sequence 323, Appl
265	5	2.4	195	7	US-11-055-822-782	Sequence 782, App	338	5	2.4	245	6	US-10-055-877-196	Sequence 196, App
266	5	2.4	196	6	US-10-967-527A-26	Sequence 26, Appl	339	5	2.4	245	6	US-10-793-626-2166	Sequence 2166, Ap
267	5	2.4	197	6	US-10-467-657-896	Sequence 896, App	340	5	2.4	246	6	US-10-131-826A-284	Sequence 284, App
268	5	2.4	197	6	US-10-467-657-1632	Sequence 1632, Ap	341	5	2.4	247	6	US-10-131-826A-514	Sequence 514, App
269	5	2.4	197	6	US-10-467-657-2604	Sequence 2604, Ap	342	5	2.4	247	7	US-11-113-424-76	Sequence 76, Appl
270	5	2.4	197	6	US-10-467-657-4800	Sequence 4800, Ap	343	5	2.4	247	7	US-11-103-957-69	Sequence 69, Appl
271	5	2.4	197	6	US-10-467-657-6554	Sequence 6554, Ap	344	5	2.4	247	6	US-10-821-234-1125	Sequence 1125, Ap
272	5	2.4	197	7	US-11-097-749-52	Sequence 52, Appl	345	5	2.4	249	6	US-10-967-527A-21	Sequence 21, Appl
273	5	2.4	197	7	US-11-097-749-53	Sequence 53, Appl	346	5	2.4	249	6	US-11-054-515-334	Sequence 334, App
274	5	2.4	198	6	US-10-967-527A-2	Sequence 2, Appl	347	5	2.4	249	7	US-11-054-515-359	Sequence 359, App
275	5	2.4	198	7	US-11-126-427-12	Sequence 12, Appl	348	5	2.4	249	7	US-11-054-515-442	Sequence 442, App
276	5	2.4	199	6	US-10-467-657-4532	Sequence 4532, Ap	349	5	2.4	249	7	US-11-054-515-442	Sequence 549, App
277	5	2.4	199	7	US-11-000-463-880	Sequence 880, App	350	5	2.4	250	6	US-10-821-234-1297	Sequence 1297, Ap
278	5	2.4	201	6	US-10-055-877-230	Sequence 230, App	351	5	2.4	251	6	US-10-453-372-424	Sequence 424, App
279	5	2.4	202	6	US-10-467-657-484	Sequence 484, App	352	5	2.4	251	6	US-11-054-515-1219	Sequence 1219, Ap
280	5	2.4	203	6	US-10-467-657-8012	Sequence 8012, Ap	353	5	2.4	253	6	US-10-467-657-2572	Sequence 2572, Ap
281	5	2.4	205	6	US-10-873-528-46	Sequence 46, Appl	354	5	2.4	253	7	US-11-054-515-1951	Sequence 1951, Ap
282	5	2.4	206	6	US-10-873-528-78	Sequence 78, Appl	355	5	2.4	253	7	US-11-054-515-2101	Sequence 2101, Ap
283	5	2.4	207	7	US-11-126-427-6	Sequence 6, Appl	356	5	2.4	253	7	US-11-212-443-76	Sequence 76, Appl
284	5	2.4	207	7	US-11-126-427-8	Sequence 8, Appl	357	5	2.4	255	7	US-11-212-443-78	Sequence 78, Appl
285	5	2.4	207	7	US-11-214-199-36	Sequence 36, Appl	358	5	2.4	255	7	US-10-467-962B-73	Sequence 73, Appl
286	5	2.4	208	6	US-10-467-657-3098	Sequence 3098, Ap	359	5	2.4	257	6	US-10-793-626-126	Sequence 126, App
287	5	2.4	208	6	US-10-878-556A-133	Sequence 133, App	360	5	2.4	261	6	US-10-528-031-6	Sequence 6, Appl
288	5	2.4	209	6	US-10-467-657-24	Sequence 24, Appl	361	5	2.4	263	6	US-10-821-234-1312	Sequence 1312, Ap
289	5	2.4	209	6	US-10-467-657-7128	Sequence 7128, Ap	362	5	2.4	263	6	US-11-033-039-193	Sequence 193, App
290	5	2.4	210	7	US-11-055-822-1080	Sequence 1080, Ap	363	5	2.4	264	6	US-10-467-657-6166	Sequence 6166, Ap
291	5	2.4	211	7	US-11-124-368A-187	Sequence 187, App	364	5	2.4	267	6	US-10-454-437-90	Sequence 90, Appl
292	5	2.4	212	6	US-10-467-657-3428	Sequence 3428, Ap	365	5	2.4	267	7	US-11-074-176-32	Sequence 32, Appl
293	5	2.4	214	7	US-11-082-389-116	Sequence 116, App	366	5	2.4	267	7	US-11-055-822-350	Sequence 350, App
294	5	2.4	214	7	US-11-126-427-10	Sequence 10, Appl	367	5	2.4	268	6	US-10-821-234-866	Sequence 866, App
295	5	2.4	216	6	US-10-467-657-3238	Sequence 3238, Ap	368	5	2.4	268	6	US-10-995-561-967	Sequence 967, App
296	5	2.4	216	6	US-10-793-626-4	Sequence 4, Appl	369	5	2.4	269	6	US-10-839-799-109	Sequence 109, App
297	5	2.4	216	6	US-10-793-626-472	Sequence 472, App	370	5	2.4	269	6	US-10-821-234-1308	Sequence 1308, Ap
298	5	2.4	218	6	US-10-467-657-7818	Sequence 7818, Ap	371	5	2.4	269	6	US-10-467-657-7278	Sequence 7278, Ap
299	5	2.4	219	6	US-10-454-437-402	Sequence 402, App	372	5	2.4	269	7	US-11-179-977-11	Sequence 11, Appl
300	5	2.4	219	7	US-11-170-653-29	Sequence 29, Appl	373	5	2.4	270	6	US-10-495-597-11	Sequence 11, Appl
301	5	2.4	220	6	US-10-965-972-3	Sequence 3, Appl	374	5	2.4	273	6	US-10-131-826A-540	Sequence 540, App
302	5	2.4	222	6	US-10-821-234-1677	Sequence 1677, Ap	375	5	2.4	273	7	US-11-102-978-13	Sequence 13, Appl
303	5	2.4	223	6	US-10-467-657-3408	Sequence 3408, Ap	376	5	2.4	273	7	US-11-102-240-168	Sequence 168, App
304	5	2.4	223	7	US-11-055-822-1130	Sequence 1130, Ap	377	5	2.4	275	6	US-10-821-234-971	Sequence 971, App
305	5	2.4	225	6	US-10-873-528-133	Sequence 143, App	378	5	2.4	275	6	US-11-065-943-54	Sequence 54, Appl
306	5	2.4	225	7	US-11-082-389-232	Sequence 232, App	379	5	2.4	275	7	US-11-065-943-54	Sequence 28, Appl
307	5	2.4	226	6	US-10-467-657-2162	Sequence 2162, Ap	380	5	2.4	277	7	US-11-102-240-28	Sequence 28, Appl
308	5	2.4	227	6	US-10-467-657-1514	Sequence 1514, Ap	381	5	2.4	277	7	US-11-000-463-310	Sequence 310, App
309	5	2.4	227	7	US-11-052-554A-319	Sequence 319, App	382	5	2.4	277	7	US-11-120-308-150	Sequence 150, App
310	5	2.4	231	6	US-10-884-730-367	Sequence 367, App	383	5	2.4	278	6	US-10-454-437-76	Sequence 76, Appl
311	5	2.4	231	6	US-10-884-730-368	Sequence 368, App	384	5	2.4	278	6	US-10-454-437-270	Sequence 270, App
312	5	2.4	231	6	US-10-884-730-369	Sequence 369, App	385	5	2.4	279	6	US-10-821-234-1472	Sequence 1472, Ap
313	5	2.4	231	7	US-11-000-463-745	Sequence 745, App	386	5	2.4	279	6	US-10-467-657-996	Sequence 996, App
314	5	2.4	232	6	US-10-884-730-363	Sequence 363, App	387	5	2.4	279	6	US-10-467-657-8266	Sequence 8266, Ap
315	5	2.4	232	6	US-10-884-730-364	Sequence 364, App	388	5	2.4	280	6	US-10-967-457-75	Sequence 75, Appl
316	5	2.4	232	6	US-10-884-730-365	Sequence 365, App	389	5	2.4	280	6	US-10-467-657-4208	Sequence 4208, Ap
317	5	2.4	232	6	US-10-884-730-366	Sequence 366, App	390	5	2.4	280	6	US-10-873-528-49	Sequence 49, Appl

391	5	2.4	281	6	US-10-131-826A-54	Sequence 54, Appl	464	5	2.4	322	7	US-11-055-822-66	Sequence 66, Appl
392	5	2.4	281	6	US-10-793-626-1026	Sequence 1026, Ap	465	5	2.4	323	7	US-11-132-864-7	Sequence 7, Appl
393	5	2.4	282	7	US-11-087-177-15	Sequence 15, Appl	466	5	2.4	324	6	US-10-858-730-120	Sequence 120, App
394	5	2.4	282	7	US-11-186-284-85	Sequence 85, Appl	467	5	2.4	324	6	US-10-467-657-7692	Sequence 7692, Ap
395	5	2.4	285	7	US-11-082-389-324	Sequence 324, App	468	5	2.4	324	6	US-10-467-657-8440	Sequence 8440, Ap
396	5	2.4	285	7	US-11-074-176-206	Sequence 206, App	469	5	2.4	325	7	US-11-102-240-64	Sequence 64, Appl
397	5	2.4	286	6	US-10-793-626-2192	Sequence 2192, Ap	470	5	2.4	327	6	US-10-467-657-8440	Sequence 107, App
398	5	2.4	288	6	US-10-821-234-1617	Sequence 1617, Ap	471	5	2.4	327	7	US-11-165-211-52	Sequence 52, Appl
399	5	2.4	288	6	US-10-453-372-420	Sequence 420, App	472	5	2.4	327	7	US-11-165-226-62	Sequence 62, Appl
400	5	2.4	288	6	US-10-453-372-430	Sequence 430, App	473	5	2.4	328	6	US-10-512-184-63	Sequence 63, Appl
401	5	2.4	288	6	US-10-453-372-432	Sequence 432, App	474	5	2.4	328	6	US-10-821-234-1671	Sequence 1671, Ap
402	5	2.4	288	7	US-11-037-243-115	Sequence 115, App	475	5	2.4	328	7	US-11-037-243-91	Sequence 91, Appl
403	5	2.4	288	7	US-11-149-462-8	Sequence 8, Appl	476	5	2.4	329	6	US-10-512-184-68	Sequence 68, Appl
404	5	2.4	291	6	US-10-527-500-43	Sequence 43, Appl	477	5	2.4	329	6	US-10-512-184-70	Sequence 70, Appl
405	5	2.4	291	7	US-11-065-943-50	Sequence 50, Appl	478	5	2.4	330	6	US-10-793-626-1086	Sequence 1086, Ap
406	5	2.4	292	6	US-10-965-972-6	Sequence 6, Appl	479	5	2.4	330	6	US-10-453-372-516	Sequence 516, App
407	5	2.4	293	6	US-10-467-657-1546	Sequence 1546, Ap	480	5	2.4	330	6	US-11-085-812-2	Sequence 2, Appl
408	5	2.4	293	6	US-10-878-556A-153	Sequence 153, App	481	5	2.4	331	6	US-10-432-483-25	Sequence 25, Appl
409	5	2.4	293	6	US-10-527-500-77	Sequence 77, Appl	482	5	2.4	331	6	US-10-453-372-508	Sequence 508, App
410	5	2.4	294	6	US-10-793-626-2346	Sequence 2346, Ap	483	5	2.4	333	6	US-10-131-826A-132	Sequence 132, App
411	5	2.4	294	6	US-10-467-657-934	Sequence 934, App	484	5	2.4	333	6	US-10-467-657-6450	Sequence 6450, Ap
412	5	2.4	294	6	US-10-467-657-7686	Sequence 7686, Ap	485	5	2.4	333	6	US-10-873-528-43	Sequence 43, Appl
413	5	2.4	295	6	US-10-508-263-50	Sequence 50, Appl	486	5	2.4	334	6	US-10-802-796-728	Sequence 728, App
414	5	2.4	295	7	US-11-067-121-2	Sequence 2, Appl	487	5	2.4	334	6	US-10-858-730-114	Sequence 114, App
415	5	2.4	295	7	US-11-113-424-34	Sequence 34, Appl	488	5	2.4	334	6	US-10-858-730-121	Sequence 121, App
416	5	2.4	296	7	US-11-087-227-10	Sequence 10, Appl	489	5	2.4	334	6	US-10-525-674-30	Sequence 30, Appl
417	5	2.4	297	6	US-10-386-16	Sequence 16, Appl	490	5	2.4	335	6	US-10-453-372-426	Sequence 426, App
418	5	2.4	297	6	US-10-878-556A-119	Sequence 119, App	491	5	2.4	335	6	US-10-453-372-428	Sequence 428, App
419	5	2.4	297	7	US-11-055-822-922	Sequence 922, App	492	5	2.4	336	6	US-10-453-372-512	Sequence 512, App
420	5	2.4	298	6	US-10-467-657-2850	Sequence 2850, App	493	5	2.4	336	6	US-10-995-793-2	Sequence 2, Appl
421	5	2.4	298	6	US-10-467-657-6750	Sequence 6750, Ap	494	5	2.4	336	6	US-10-980-388-120	Sequence 120, App
422	5	2.4	298	7	US-11-085-812-4	Sequence 4, Appl	495	5	2.4	336	6	US-10-453-372-510	Sequence 510, App
423	5	2.4	300	6	US-10-667-235-117	Sequence 117, App	496	5	2.4	336	7	US-11-055-822-1038	Sequence 1038, Ap
424	5	2.4	301	6	US-10-131-826A-176	Sequence 176, App	497	5	2.4	336	7	US-11-205-109-4	Sequence 4, Appl
425	5	2.4	302	6	US-10-667-295-116	Sequence 116, App	498	5	2.4	339	6	US-10-467-657-4318	Sequence 4318, Ap
426	5	2.4	302	7	US-11-126-427-26	Sequence 26, Appl	499	5	2.4	340	6	US-11-055-822-270	Sequence 270, App
427	5	2.4	304	6	US-10-793-626-1472	Sequence 1472, Ap	500	5	2.4	341	6	US-10-454-437-176	Sequence 176, App
428	5	2.4	306	6	US-10-995-561-894	Sequence 894, App	501	5	2.4	341	6	US-10-454-437-244	Sequence 244, App
429	5	2.4	306	7	US-11-032-797-7	Sequence 7, Appl	502	5	2.4	342	6	US-10-793-626-2854	Sequence 2854, Ap
430	5	2.4	306	7	US-11-165-226-131	Sequence 131, App	503	5	2.4	343	6	US-10-131-826A-162	Sequence 162, App
431	5	2.4	307	6	US-10-793-626-2668	Sequence 2668, Ap	504	5	2.4	343	6	US-10-467-657-5758	Sequence 5758, Ap
432	5	2.4	308	6	US-10-967-537A-30	Sequence 30, Appl	505	5	2.4	343	6	US-10-161-408-31	Sequence 31, Appl
433	5	2.4	308	6	US-10-467-657-1350	Sequence 1350, Ap	506	5	2.4	343	6	US-10-453-372-1122	Sequence 1122, Ap
434	5	2.4	308	6	US-10-995-561-814	Sequence 814, App	507	5	2.4	343	7	US-11-074-176-160	Sequence 160, App
435	5	2.4	309	7	US-11-103-156-24	Sequence 24, Appl	508	5	2.4	344	6	US-10-467-657-5036	Sequence 5036, Ap
436	5	2.4	309	7	US-11-109-156-39	Sequence 39, Appl	509	5	2.4	344	6	US-10-606-302-20	Sequence 606, Ap
437	5	2.4	309	7	US-11-165-160-2	Sequence 2, Appl	510	5	2.4	344	6	US-10-606-302-20	Sequence 106, App
438	5	2.4	310	6	US-10-467-657-7412	Sequence 7412, Ap	511	5	2.4	344	7	US-11-055-822-106	Sequence 106, App
439	5	2.4	310	6	US-10-454-437-328	Sequence 328, App	512	5	2.4	344	7	US-11-108-172-1085	Sequence 1085, Ap
440	5	2.4	310	7	US-11-092-168-9	Sequence 9, Appl	513	5	2.4	346	6	US-10-967-648A-10	Sequence 10, Appl
441	5	2.4	311	7	US-11-055-822-246	Sequence 246, App	514	5	2.4	346	6	US-10-793-626-2034	Sequence 2034, Ap
442	5	2.4	312	7	US-11-055-822-16	Sequence 16, Appl	515	5	2.4	346	6	US-10-517-939-62	Sequence 62, Appl
443	5	2.4	314	6	US-10-689-742-116	Sequence 116, App	516	5	2.4	346	6	US-10-517-939-170	Sequence 170, App
444	5	2.4	314	6	US-10-995-793-73	Sequence 73, Appl	517	5	2.4	347	6	US-10-821-234-1136	Sequence 1136, Ap
445	5	2.4	314	6	US-10-995-793-74	Sequence 74, Appl	518	5	2.4	347	6	US-10-517-939-222	Sequence 222, App
446	5	2.4	314	7	US-11-018-018-4	Sequence 4, Appl	519	5	2.4	349	6	US-10-555-877-169	Sequence 169, App
447	5	2.4	314	7	US-11-047-757-4	Sequence 4, Appl	520	5	2.4	349	6	US-10-555-877-170	Sequence 170, App
448	5	2.4	315	6	US-10-454-437-220	Sequence 220, App	521	5	2.4	349	6	US-10-555-877-171	Sequence 171, App
449	5	2.4	316	6	US-10-667-295-115	Sequence 115, App	522	5	2.4	350	7	US-11-102-240-8	Sequence 8, Appl
450	5	2.4	316	7	US-11-092-168-10	Sequence 10, Appl	523	5	2.4	350	7	US-11-165-024-3	Sequence 3, Appl
451	5	2.4	318	6	US-10-802-796-727	Sequence 727, App	524	5	2.4	352	7	US-11-191-072-4	Sequence 4, Appl
452	5	2.4	318	6	US-10-467-657-7760	Sequence 7760, Ap	525	5	2.4	353	7	US-11-137-465-44	Sequence 44, Appl
453	5	2.4	319	6	US-10-454-437-96	Sequence 96, Appl	526	5	2.4	353	7	US-11-147-606-2	Sequence 2, Appl
454	5	2.4	319	7	US-11-184-005-8	Sequence 8, Appl	527	5	2.4	355	6	US-10-821-234-1578	Sequence 1578, Ap
455	5	2.4	320	6	US-10-858-730-111	Sequence 111, App	528	5	2.4	355	6	US-10-467-657-7628	Sequence 7628, Ap
456	5	2.4	321	6	US-10-793-626-1526	Sequence 1526, Ap	529	5	2.4	355	6	US-11-055-822-162	Sequence 162, App
457	5	2.4	321	6	US-10-467-657-2504	Sequence 2504, Ap	530	5	2.4	355	7	US-11-108-528-16	Sequence 16, Appl
458	5	2.4	321	7	US-11-092-140-12	Sequence 12, Appl	531	5	2.4	355	7	US-11-108-528-18	Sequence 18, Appl
459	5	2.4	321	7	US-11-212-443-10	Sequence 10, Appl	532	5	2.4	356	6	US-10-467-657-4966	Sequence 4966, Ap
460	5	2.4	321	7	US-11-212-443-12	Sequence 12, Appl	533	5	2.4	357	6	US-10-517-939-100	Sequence 100, App
461	5	2.4	322	6	US-10-467-657-1006	Sequence 1006, Ap	534	5	2.4	358	7	US-11-127-877-47	Sequence 47, Appl
462	5	2.4	322	6	US-10-454-437-218	Sequence 218, App	535	5	2.4	359	6	US-10-821-234-1396	Sequence 1396, Ap
463	5	2.4	322	6	US-10-524-647-18	Sequence 18, Appl	536	5	2.4	359	6	US-10-995-561-577	Sequence 577, App

537	5	2.4	359	7	US-11-087-227-8	Sequence 8, Appli	610	5	2.4	402	7	US-11-052-554A-184	Sequence 184, App
538	5	2.4	359	7	US-11-192-450-6	Sequence 6, Appli	611	5	2.4	403	7	US-11-192-450-4	Sequence 4, Appli
539	5	2.4	360	6	US-10-858-730-110	Sequence 110, App	612	5	2.4	403	7	US-11-205-109-23	Sequence 23, Appl
540	5	2.4	360	6	US-10-467-657-1196	Sequence 1196, Ap	613	5	2.4	403	7	US-11-009-658-14	Sequence 14, Appl
541	5	2.4	361	6	US-10-467-657-7946	Sequence 7946, Ap	614	5	2.4	404	7	US-11-087-227-6	Sequence 6, Appli
542	5	2.4	361	6	US-10-995-561-612	Sequence 612, App	615	5	2.4	404	7	US-11-192-450-3	Sequence 3, Appli
543	5	2.4	361	6	US-11-052-554A-169	Sequence 169, App	616	5	2.4	406	6	US-10-821-234-1113	Sequence 1113, Ap
544	5	2.4	364	6	US-10-467-657-2176	Sequence 2176, Ap	617	5	2.4	406	7	US-11-192-450-7	Sequence 7, Appli
545	5	2.4	364	6	US-10-995-561-783	Sequence 783, App	618	5	2.4	406	7	US-11-195-968-12	Sequence 12, Appl
546	5	2.4	365	6	US-10-821-234-1623	Sequence 1623, Ap	619	5	2.4	407	6	US-10-995-561-811	Sequence 811, App
547	5	2.4	365	6	US-10-770-726-69	Sequence 69, Appl	620	5	2.4	408	6	US-10-821-234-1100	Sequence 1100, Ap
548	5	2.4	365	6	US-10-995-561-545	Sequence 545, App	621	5	2.4	408	6	US-10-508-263-121	Sequence 121, App
549	5	2.4	365	7	US-11-052-554A-223	Sequence 223, App	622	5	2.4	408	6	US-10-763-712A-87	Sequence 87, Appl
550	5	2.4	366	6	US-10-467-657-2544	Sequence 2544, Ap	623	5	2.4	408	7	US-11-150-845-12	Sequence 12, Appl
551	5	2.4	367	6	US-10-821-234-985	Sequence 985, App	624	5	2.4	409	6	US-10-793-626-2002	Sequence 2002, Ap
552	5	2.4	368	7	US-11-085-775-3	Sequence 3, Appli	625	5	2.4	410	6	US-10-793-626-2306	Sequence 2306, Ap
553	5	2.4	370	6	US-10-793-626-696	Sequence 696, App	626	5	2.4	411	6	US-10-467-657-3024	Sequence 3024, Ap
554	5	2.4	370	6	US-10-793-626-1328	Sequence 1328, Ap	627	5	2.4	412	6	US-11-092-168-8	Sequence 8, Appli
555	5	2.4	371	6	US-10-467-657-534	Sequence 534, App	628	5	2.4	412	6	US-10-453-372-988	Sequence 988, App
556	5	2.4	372	6	US-10-467-657-2318	Sequence 2318, Ap	629	5	2.4	416	6	US-10-793-626-806	Sequence 806, App
557	5	2.4	372	6	US-10-517-939-22	Sequence 22, Appl	630	5	2.4	417	6	US-10-467-657-6612	Sequence 6612, Ap
558	5	2.4	373	6	US-10-131-826A-388	Sequence 388, App	631	5	2.4	418	6	US-10-312-954-4	Sequence 4, Appli
559	5	2.4	373	6	US-10-453-372-976	Sequence 976, App	632	5	2.4	418	7	US-11-196-919-2	Sequence 2, Appli
560	5	2.4	374	6	US-10-467-657-3420	Sequence 3420, Ap	633	5	2.4	419	7	US-11-174-150-40	Sequence 40, Appl
561	5	2.4	374	7	US-11-129-143-112	Sequence 112, App	634	5	2.4	421	6	US-10-454-437-200	Sequence 2, Appli
562	5	2.4	376	6	US-10-485-517-218	Sequence 218, App	635	5	2.4	421	6	US-10-501-098-2	Sequence 2, Appli
563	5	2.4	377	7	US-11-121-731A-3	Sequence 3, Appli	636	5	2.4	421	6	US-10-453-372-972	Sequence 972, App
564	5	2.4	378	6	US-10-131-826A-420	Sequence 420, App	637	5	2.4	421	6	US-10-453-372-994	Sequence 994, App
565	5	2.4	378	7	US-11-069-642-24	Sequence 24, Appl	638	5	2.4	421	6	US-11-055-822-366	Sequence 366, App
566	5	2.4	378	7	US/11/185	Sequence 22, Appl	639	5	2.4	421	7	US-11-214-159-14	Sequence 14, Appl
567	5	2.4	379	6	US-10-858-730-22	Sequence 1588, Ap	640	5	2.4	422	6	US-10-821-234-1313	Sequence 1313, Ap
568	5	2.4	379	6	US-10-467-657-1588	Sequence 6, Appli	641	5	2.4	422	6	US-10-524-647-122	Sequence 122, App
569	5	2.4	379	6	US-10-525-674-6	Sequence 2234, Ap	642	5	2.4	422	6	US-11-135-855-33	Sequence 33, Appl
570	5	2.4	380	6	US-10-821-234-1459	Sequence 1459, Ap	643	5	2.4	422	7	US-11-186-284-75	Sequence 75, Appl
571	5	2.4	380	6	US-10-467-657-7258	Sequence 7258, Ap	644	5	2.4	423	6	US-10-883-512-76	Sequence 76, Appl
572	5	2.4	380	7	US-10-989-313-4	Sequence 4, Appli	645	5	2.4	424	6	US-10-454-437-96	Sequence 96, Appl
573	5	2.4	380	7	US-11-185-230-2	Sequence 2, Appli	646	5	2.4	425	6	US-10-485-517-405	Sequence 405, App
574	5	2.4	381	6	US-10-858-730-101	Sequence 101, App	647	5	2.4	426	6	US-10-995-561-616	Sequence 616, App
575	5	2.4	381	6	US-10-467-657-2254	Sequence 2254, Ap	648	5	2.4	426	6	US-10-467-657-2120	Sequence 2120, Ap
576	5	2.4	382	6	US-10-858-730-23	Sequence 23, Appl	649	5	2.4	426	6	US-10-525-710-28	Sequence 28, Appl
577	5	2.4	382	6	US-10-525-674-4	Sequence 4, Appli	650	5	2.4	427	6	US-10-453-372-974	Sequence 974, App
578	5	2.4	382	7	US-11-134-795-19	Sequence 19, Appl	651	5	2.4	428	6	US-10-131-826A-292	Sequence 292, App
579	5	2.4	383	6	US-10-392-234A-6	Sequence 6, Appli	652	5	2.4	428	6	US-10-858-730-79	Sequence 79, Appl
580	5	2.4	383	6	US-10-467-657-4118	Sequence 4118, Ap	653	5	2.4	429	6	US-10-467-657-1628	Sequence 1628, Ap
581	5	2.4	383	7	US-11-092-168-7	Sequence 7, Appli	654	5	2.4	431	6	US-10-525-674-26	Sequence 26, Appl
582	5	2.4	384	6	US-10-995-561-518	Sequence 518, App	655	5	2.4	432	6	US-11-082-168-6	Sequence 6, Appli
583	5	2.4	386	6	US-10-497-135-20	Sequence 20, Appl	656	5	2.4	432	7	US-11-092-168-6	Sequence 1680, Ap
584	5	2.4	388	6	US-10-497-135-19	Sequence 19, Appl	657	5	2.4	433	6	US-10-821-234-1680	Sequence 167, App
585	5	2.4	388	7	US-11-082-389-220	Sequence 220, App	658	5	2.4	433	7	US-11-150-533-43	Sequence 43, Appl
586	5	2.4	389	7	US-11-186-284-169	Sequence 169, App	659	5	2.4	432	7	US-11-084-624-20	Sequence 20, Appl
587	5	2.4	389	7	US-10-467-657-3750	Sequence 3750, Ap	660	5	2.4	432	7	US-11-133-424-186	Sequence 186, App
588	5	2.4	389	7	US-11-108-528-68	Sequence 68, Appl	661	5	2.4	432	7	US-11-000-463-365	Sequence 365, App
589	5	2.4	389	7	US-10-995-561-614	Sequence 614, App	662	5	2.4	433	6	US-11-150-533-3	Sequence 3, Appli
590	5	2.4	392	6	US-10-467-657-7586	Sequence 7586, Ap	663	5	2.4	434	6	US-10-821-234-1680	Sequence 167, App
591	5	2.4	394	6	US-10-392-234A-46	Sequence 46, Appl	664	5	2.4	436	6	US-10-467-657-7728	Sequence 7728, Ap
592	5	2.4	395	6	US-10-821-234-1826	Sequence 1826, Ap	665	5	2.4	436	6	US-11-082-389-256	Sequence 256, App
593	5	2.4	395	6	US-10-995-561-614	Sequence 614, App	666	5	2.4	437	6	US-11-174-150-39	Sequence 39, Appl
594	5	2.4	395	7	US-11-075-185-13	Sequence 13, Appl	667	5	2.4	437	6	US-10-131-826A-466	Sequence 466, App
595	5	2.4	395	7	US-11-084-220-2	Sequence 2, Appli	668	5	2.4	437	7	US-11-073-626-3	Sequence 3, Appli
596	5	2.4	396	7	US-11-120-308-172	Sequence 172, App	669	5	2.4	438	7	US-11-067-121-19	Sequence 19, Appl
597	5	2.4	397	6	US-10-793-626-1244	Sequence 1244, Ap	670	5	2.4	438	7	US-11-090-439-29	Sequence 29, Appl
598	5	2.4	398	6	US-10-467-657-5782	Sequence 5782, Ap	671	5	2.4	438	7	US-11-090-439-31	Sequence 31, Appl
599	5	2.4	398	7	US-11-150-845-10	Sequence 10, Appl	672	5	2.4	438	7	US-11-186-541-2	Sequence 2, Appli
600	5	2.4	399	6	US-10-650-326B-23	Sequence 23, Appl	673	5	2.4	439	6	US-11-198-819-12	Sequence 2408, Ap
601	5	2.4	399	7	US-11-051-568-27	Sequence 27, Appl	674	5	2.4	439	6	US-10-793-626-2408	Sequence 106, App
602	5	2.4	400	6	US-10-793-626-3116	Sequence 3116, Ap	675	5	2.4	440	7	US-11-082-389-106	Sequence 106, App
603	5	2.4	401	7	US-10-878-556A-179	Sequence 179, App	676	5	2.4	441	6	US-10-995-561-638	Sequence 638, App
604	5	2.4	401	7	US-11-097-749-3	Sequence 3, Appli	677	5	2.4	441	6	US-10-995-561-639	Sequence 639, App
605	5	2.4	401	7	US-11-052-554A-66	Sequence 66, Appl	678	5	2.4	441	6	US-11-108-519-14	Sequence 14, Appl
606	5	2.4	402	6	US-10-858-730-30	Sequence 30, Appl	679	5	2.4	442	6	US-10-873-528-121	Sequence 121, App
607	5	2.4	402	6	US-10-650-326B-21	Sequence 21, Appl	680	5	2.4	444	6	US-10-467-657-3076	Sequence 3076, Ap
608	5	2.4	402	7	US-11-051-568-29	Sequence 29, Appl	681	5	2.4	444	6	US-11-205-109-7	Sequence 7, Appli
609	5	2.4	402	7	US-11-084-624-22	Sequence 22, Appl	682	5	2.4	444	6		

683	5	2.4	445	6	US-10-067-974-12	Sequence 12, Appl	756	5	2.4	505	7	US-11-150-845-4	Sequence 4, Appl
684	5	2.4	445	6	US-10-453-372-2	Sequence 2, Appl	757	5	2.4	506	6	US-10-467-857-2088	Sequence 2088, Ap
685	5	2.4	446	7	US-11-108-172-1121	Sequence 1121, Ap	758	5	2.4	506	6	US-10-501-098-3	Sequence 3, Appl
686	5	2.4	446	7	US-11-113-882-19	Sequence 19, Appl	759	5	2.4	506	6	US-10-873-528-80	Sequence 80, Appl
687	5	2.4	448	6	US-10-618-320A-25	Sequence 25, Appl	760	5	2.4	509	7	US-11-124-327-2	Sequence 2, Appl
688	5	2.4	448	7	US-11-137-465-45	Sequence 45, Appl	761	5	2.4	511	6	US-10-534-647-106	Sequence 106, App
689	5	2.4	449	6	US-10-821-234-1089	Sequence 1089, Ap	762	5	2.4	511	7	US-11-012-762-48	Sequence 48, Appl
690	5	2.4	449	7	US-11-120-308-176	Sequence 176, App	763	5	2.4	511	7	US-11-152-747-4	Sequence 4, Appl
691	5	2.4	450	6	US-10-618-320A-26	Sequence 26, Appl	764	5	2.4	513	6	US-10-485-517-160	Sequence 160, App
692	5	2.4	450	6	US-10-995-561-815	Sequence 815, Ap	765	5	2.4	513	6	US-10-878-556A-112	Sequence 112, App
693	5	2.4	450	7	US-11-052-554A-373	Sequence 373, App	766	5	2.4	513	7	US-11-149-349-6	Sequence 6, Appl
694	5	2.4	451	6	US-10-508-263-68	Sequence 68, Appl	767	5	2.4	513	6	US-11-210-316-20	Sequence 20, Appl
695	5	2.4	451	6	US-10-508-263-70	Sequence 70, Appl	768	5	2.4	515	7	US-10-467-657-1288	Sequence 1288, Ap
696	5	2.4	453	7	US-11-052-554A-224	Sequence 224, App	769	5	2.4	515	7	US-11-132-142-8	Sequence 8, Appl
697	5	2.4	456	6	US-10-763-712A-66	Sequence 66, Appl	770	5	2.4	516	6	US-10-995-561-559	Sequence 559, App
698	5	2.4	456	6	US-10-860-501-5	Sequence 5, Appl	771	5	2.4	517	6	US-10-055-877-304	Sequence 304, App
699	5	2.4	457	6	US-10-982-545-8	Sequence 8, Appl	772	5	2.4	518	6	US-10-467-657-1124	Sequence 1124, Ap
700	5	2.4	457	6	US-10-982-545-13	Sequence 13, Appl	773	5	2.4	519	7	US-11-099-691-10	Sequence 10, Appl
701	5	2.4	457	7	US-11-102-240-12	Sequence 12, Appl	774	5	2.4	520	7	US-11-052-554A-98	Sequence 98, Appl
702	5	2.4	457	7	US-11-120-308-194	Sequence 194, App	775	5	2.4	522	6	US-10-131-826A-450	Sequence 450, App
703	5	2.4	458	6	US-10-618-320A-1	Sequence 1, Appl	776	5	2.4	522	6	US-10-467-657-7238	Sequence 7238, Ap
704	5	2.4	458	6	US-10-454-437-340	Sequence 340, App	777	5	2.4	523	6	US-10-453-372-1006	Sequence 1006, Ap
705	5	2.4	459	7	US-11-055-822-46	Sequence 46, Appl	778	5	2.4	523	6	US-10-453-372-1008	Sequence 1008, Ap
706	5	2.4	459	7	US-11-113-882-23	Sequence 23, Appl	779	5	2.4	524	6	US-10-878-556A-152	Sequence 152, App
707	5	2.4	461	6	US-10-878-556A-162	Sequence 162, App	780	5	2.4	525	7	US-11-082-389-36	Sequence 36, Appl
708	5	2.4	461	7	US-11-082-389-176	Sequence 176, App	781	5	2.4	525	7	US-11-112-882-27	Sequence 27, Appl
709	5	2.4	462	7	US-11-082-389-412	Sequence 412, App	782	5	2.4	527	6	US-10-705-633-1	Sequence 1, Appl
710	5	2.4	463	6	US-10-467-657-4228	Sequence 4228, Ap	783	5	2.4	527	6	US-10-705-633-2	Sequence 2, Appl
711	5	2.4	463	7	US-11-052-554A-261	Sequence 261, App	784	5	2.4	527	6	US-11-120-543-18	Sequence 3, Appl
712	5	2.4	464	6	US-10-467-657-4918	Sequence 4918, Ap	785	5	2.4	527	7	US-11-052-554A-96	Sequence 96, Appl
713	5	2.4	466	6	US-10-517-939-276	Sequence 276, App	786	5	2.4	528	6	US-10-858-730-88	Sequence 88, Appl
714	5	2.4	466	7	US-11-052-554A-22	Sequence 22, Appl	787	5	2.4	528	6	US-10-858-730-89	Sequence 89, Appl
715	5	2.4	468	7	US-11-054-385-12	Sequence 12, Appl	788	5	2.4	528	6	US-10-864-758-7	Sequence 7, Appl
716	5	2.4	473	6	US-10-467-657-298	Sequence 298, App	789	5	2.4	529	6	US-10-632-150-44	Sequence 44, Appl
717	5	2.4	476	7	US-11-143-980-44	Sequence 44, Appl	790	5	2.4	529	7	US-11-073-457-44	Sequence 44, Appl
718	5	2.4	481	6	US-10-467-657-6784	Sequence 6784, Ap	791	5	2.4	529	7	US-11-073-460-44	Sequence 44, Appl
719	5	2.4	481	7	US-11-116-939-14	Sequence 14, Appl	792	5	2.4	529	7	US-11-186-541-1	Sequence 1, Appl
720	5	2.4	482	6	US-10-689-742-66	Sequence 66, Appl	793	5	2.4	529	7	US-11-210-316-28	Sequence 28, Appl
721	5	2.4	482	6	US-10-995-561-560	Sequence 560, App	794	5	2.4	529	7	US-11-037-243-62	Sequence 62, Appl
722	5	2.4	483	7	US-11-137-465-40	Sequence 40, Appl	795	5	2.4	530	6	US-10-467-657-3804	Sequence 3804, Ap
723	5	2.4	484	6	US-10-467-657-6816	Sequence 6816, Ap	796	5	2.4	530	6	US-10-055-877-313	Sequence 313, App
724	5	2.4	485	6	US-10-453-372-990	Sequence 990, App	797	5	2.4	530	6	US-10-055-877-314	Sequence 314, App
725	5	2.4	486	7	US-11-082-389-432	Sequence 432, App	798	5	2.4	530	6	US-10-055-877-315	Sequence 315, App
726	5	2.4	486	7	US-11-000-463-273	Sequence 273, App	799	5	2.4	530	6	US-10-055-877-316	Sequence 316, App
727	5	2.4	487	6	US-10-131-826A-528	Sequence 528, App	800	5	2.4	530	6	US-10-453-372-566	Sequence 566, App
728	5	2.4	488	6	US-10-984-376-1	Sequence 1, Appl	801	5	2.4	531	7	US-11-060-914-4	Sequence 4, Appl
729	5	2.4	488	6	US-10-821-234-877	Sequence 877, App	802	5	2.4	531	7	US-11-124-368A-335	Sequence 335, App
730	5	2.4	488	6	US-10-055-877-231	Sequence 231, App	803	5	2.4	533	6	US-10-646-283-2	Sequence 2, Appl
731	5	2.4	488	6	US-10-793-626-2808	Sequence 2808, Ap	804	5	2.4	533	6	US-10-995-561-610	Sequence 610, App
732	5	2.4	491	6	US-11-205-109-21	Sequence 21, Appl	805	5	2.4	535	6	US-10-453-372-6	Sequence 6, Appl
733	5	2.4	491	6	US-10-995-561-611	Sequence 611, App	806	5	2.4	536	6	US-10-453-372-22	Sequence 22, Appl
734	5	2.4	493	6	US-10-971-560-7	Sequence 7, Appl	807	5	2.4	536	6	US-10-453-372-24	Sequence 24, Appl
735	5	2.4	494	6	US-10-143-980-54	Sequence 54, Appl	808	5	2.4	536	6	US-10-453-372-26	Sequence 26, Appl
736	5	2.4	494	7	US-11-165-226-129	Sequence 129, App	809	5	2.4	536	6	US-10-453-372-28	Sequence 28, Appl
737	5	2.4	497	6	US-10-454-437-410	Sequence 410, App	810	5	2.4	536	6	US-10-453-372-30	Sequence 30, Appl
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740	5	2.4	498	7	US-11-122-144-18	Sequence 18, Appl	813	5	2.4	538	7	US-10-793-626-888	Sequence 888, App
741	5	2.4	499	6	US-10-508-263-94	Sequence 94, Appl	814	5	2.4	539	6	US-10-858-730-293	Sequence 293, App
742	5	2.4	499	6	US-10-517-939-328	Sequence 328, App	815	5	2.4	540	6	US-10-995-561-519	Sequence 519, App
743	5	2.4	500	6	US-10-467-657-594	Sequence 594, App	816	5	2.4	540	6	US-10-995-561-521	Sequence 521, App
744	5	2.4	500	6	US-10-860-501-4	Sequence 4, Appl	817	5	2.4	541	6	US-11-118-855-26	Sequence 26, Appl
745	5	2.4	501	6	US-10-453-372-986	Sequence 986, App	818	5	2.4	541	7	US-10-453-372-10	Sequence 10, Appl
746	5	2.4	501	6	US-11-134-563-8	Sequence 8, Appl	819	5	2.4	542	6	US-10-453-372-582	Sequence 582, App
747	5	2.4	502	6	US-10-763-712A-68	Sequence 68, Appl	820	5	2.4	542	6	US-10-453-372-588	Sequence 588, App
748	5	2.4	502	7	US-11-122-795-14	Sequence 14, Appl	821	5	2.4	542	6	US-10-453-372-590	Sequence 590, App
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751	5	2.4	504	7	US-11-055-822-136	Sequence 136, App	824	5	2.4	543	6	US-10-821-234-1158	Sequence 1158, Ap
752	5	2.4	504	7	US-11-186-541-3	Sequence 3, Appl	825	5	2.4	543	6	US-10-821-234-1531	Sequence 1531, Ap
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754	5	2.4	505	7	US-11-134-563-6	Sequence 6, Appl	827	5	2.4	545	7		
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834	5	2.4	548	7	US-11-137-465-47	Sequence 47, Appl	907	5	2.4	615	6	US-10-524-647-134	Sequence 134, Appl
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836	5	2.4	549	6	US-10-467-657-4612	Sequence 4612, Ap	909	5	2.4	617	6	US-10-982-545-2	Sequence 2, Appl
837	5	2.4	549	6	US-10-467-657-7190	Sequence 7190, Ap	910	5	2.4	617	7	US-11-143-980-35	Sequence 35, Appl
838	5	2.4	549	6	US-10-995-561-909	Sequence 909, Appl	911	5	2.4	618	6	US-10-821-234-1481	Sequence 1481, Ap
839	5	2.4	549	6	US-10-453-372-574	Sequence 574, Appl	912	5	2.4	618	7	US-11-078-735-18	Sequence 18, Appl
840	5	2.4	549	7	US-11-210-316-30	Sequence 30, Appl	913	5	2.4	618	7	US-11-050-346-63	Sequence 63, Appl
841	5	2.4	552	6	US-10-453-372-14	Sequence 14, Appl	914	5	2.4	618	7	US-11-103-077-18	Sequence 18, Appl
842	5	2.4	552	7	US-11-135-855-34	Sequence 34, Appl	915	5	2.4	619	7	US-11-205-109-30	Sequence 30, Appl
843	5	2.4	552	7	US-11-052-554A-168	Sequence 168, Appl	916	5	2.4	619	7	US-11-205-109-37	Sequence 37, Appl
844	5	2.4	553	7	US-11-205-109-25	Sequence 25, Appl	917	5	2.4	620	6	US-10-467-657-5892	Sequence 5892, Ap
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846	5	2.4	556	7	US-11-037-243-106	Sequence 106, Appl	919	5	2.4	627	6	US-10-467-657-5432	Sequence 5432, Ap
847	5	2.4	557	6	US-10-467-657-2888	Sequence 2888, Ap	920	5	2.4	629	6	US-10-821-234-1528	Sequence 1528, Ap
848	5	2.4	558	6	US-10-467-657-4258	Sequence 4258, Ap	921	5	2.4	629	6	US-10-453-372-576	Sequence 576, Appl
849	5	2.4	558	6	US-10-501-098-1	Sequence 1, Appl	922	5	2.4	629	6	US-10-453-372-578	Sequence 578, Appl
850	5	2.4	558	6	US-10-504-364-3	Sequence 3, Appl	923	5	2.4	632	7	US-11-103-240-40	Sequence 40, Appl
851	5	2.4	558	6	US-10-504-364-4	Sequence 4, Appl	924	5	2.4	637	6	US-10-821-234-961	Sequence 961, Appl
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853	5	2.4	558	7	US-11-078-189-19	Sequence 19, Appl	926	5	2.4	640	6	US-10-467-657-4930	Sequence 4930, Ap
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856	5	2.4	565	7	US-11-080-991-100	Sequence 100, Appl	929	5	2.4	642	6	US-10-131-826A-370	Sequence 370, Appl
857	5	2.4	566	6	US-10-467-657-4020	Sequence 4020, Ap	930	5	2.4	642	6	US-10-454-437-44	Sequence 44, Appl
858	5	2.4	567	6	US-10-995-561-813	Sequence 813, Appl	931	5	2.4	642	6	US-10-453-372-568	Sequence 568, Appl
859	5	2.4	567	7	US-11-127-817-16	Sequence 16, Appl	932	5	2.4	643	6	US-10-873-427A-4	Sequence 4, Appl
860	5	2.4	569	7	US-11-082-389-104	Sequence 104, Appl	933	5	2.4	646	6	US-10-491-096-190	Sequence 190, Appl
861	5	2.4	572	6	US-10-467-657-7724	Sequence 7724, Ap	934	5	2.4	646	6	US-10-995-561-695	Sequence 695, Appl
862	5	2.4	572	6	US-10-454-437-68	Sequence 68, Appl	935	5	2.4	649	7	US-11-102-240-132	Sequence 132, Appl
863	5	2.4	572	6	US-10-453-372-16	Sequence 16, Appl	936	5	2.4	649	7	US-11-150-845-18	Sequence 18, Appl
864	5	2.4	574	6	US-10-453-372-978	Sequence 978, Appl	937	5	2.4	649	7	US-11-150-845-22	Sequence 22, Appl
865	5	2.4	577	6	US-10-453-372-996	Sequence 996, Appl	938	5	2.4	651	7	US-11-198-819-22	Sequence 22, Appl
866	5	2.4	578	6	US-10-821-234-1039	Sequence 1039, Ap	939	5	2.4	652	7	US-11-192-801-2	Sequence 2, Appl
867	5	2.4	578	7	US-11-037-243-100	Sequence 100, Appl	940	5	2.4	652	7	US-11-192-801-4	Sequence 4, Appl
868	5	2.4	579	6	US-10-821-234-874	Sequence 874, Appl	941	5	2.4	652	7	US-11-192-801-6	Sequence 6, Appl
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870	5	2.4	580	6	US-10-453-372-596	Sequence 596, Appl	943	5	2.4	653	7	US-11-192-801-8	Sequence 8, Appl
871	5	2.4	580	6	US-10-453-372-598	Sequence 598, Appl	944	5	2.4	653	7	US-11-192-801-10	Sequence 10, Appl
872	5	2.4	581	6	US-10-453-372-982	Sequence 982, Appl	945	5	2.4	653	7	US-11-192-801-12	Sequence 12, Appl
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875	5	2.4	582	7	US-11-205-109-36	Sequence 36, Appl	948	5	2.4	653	7	US-11-192-801-18	Sequence 18, Appl
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889	5	2.4	594	7	US-10-467-657-3952	Sequence 3952, Ap	962	5	2.4	674	6	US-10-055-877-319	Sequence 319, Appl
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891	5	2.4	596	7	US-11-063-343-28	Sequence 28, Appl	964	5	2.4	675	6	US-10-055-877-317	Sequence 317, Appl
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896	5	2.4	601	6	US-10-944-272-3	Sequence 3, Appl	969	5	2.4	681	7	US-11-067-121-9	Sequence 9, Appl
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900	5	2.4	605	7	US-11-137-465-41	Sequence 41, Appl	973	5	2.4	687	6	US-10-467-657-1300	Sequence 1300, Ap
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978 5 2.4 692 7 US-11-150-533-2 Sequence 2, Appli
979 5 2.4 694 7 US-11-078-189-16 Sequence 16, Appl
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981 5 2.4 696 6 US-10-453-372-324 Sequence 324, App
982 5 2.4 696 6 US-10-453-372-336 Sequence 336, App
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984 5 2.4 696 6 US-10-453-372-354 Sequence 354, App
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994 5 2.4 700 6 US-10-453-372-326 Sequence 326, App
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996 5 2.4 702 6 US-10-510-386-214 Sequence 214, App
997 5 2.4 703 7 US-11-069-642-113 Sequence 113, App
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ALIGNMENTS

RESULT 1
US-11-147-238-2
; Sequence 2, Application US/11147238
; Publication No. US20050266534A1
; GENERAL INFORMATION:
; APPLICANT: MOCKEL, Bettina, et al.
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCES WHICH CODE FOR THE cstA GENE
; FILE REFERENCE: 032301 WD 195
; CURRENT APPLICATION NUMBER: US/11/147,238
; CURRENT FILING DATE: 2005-06-08
; PRIOR APPLICATION NUMBER: US/09/935,799
; PRIOR FILING DATE: 2002-02-07
; NUMBER OF SEQ ID NOS: 7
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 2
; LENGTH: 772
; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-11-147-238-2

Query Match 3.3%; Score 7; DB 7; Length 772;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 67 GTVGGAA 73
Db 199 GTVGGAA 205
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RESULT 2
US-11-147-238-5
; Sequence 5, Application US/11147238
; Publication No. US20050266534A1
; GENERAL INFORMATION:
; APPLICANT: MOCKEL, Bettina, et al.
; TITLE OF INVENTION: NUCLEOTIDE SEQUENCES WHICH CODE FOR THE cstA GENE
; FILE REFERENCE: 032301 WD 195
; CURRENT APPLICATION NUMBER: US/11/147,238
; CURRENT FILING DATE: 2005-06-08
; PRIOR APPLICATION NUMBER: US/09/935,799
; PRIOR FILING DATE: 2002-02-07
; NUMBER OF SEQ ID NOS: 7

; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 772
; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-11-147-238-5

Query Match 3.3%; Score 7; DB 7; Length 772;
Best Local Similarity 100.0%; Pred. No. 28;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

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Db 199 GTVGGAA 205
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RESULT 3
US-10-966-483-44
; Sequence 44, Application US/10966483
; Publication No. US20050281783A1
; GENERAL INFORMATION:
; APPLICANT: Kinch, Michael S.
; APPLICANT: Kiener, Peter A.
; APPLICANT: Bruckheimer, Elizabeth
; APPLICANT: Dubensky, Jr. Thomas W.
; APPLICANT: Cook, David N.
; TITLE OF INVENTION: LISTERIA-BASED EPHA2 VACCINES
; FILE REFERENCE: 10271-146
; CURRENT APPLICATION NUMBER: US/10/966,483
; CURRENT FILING DATE: 2004-10-15
; PRIOR APPLICATION NUMBER: US 60/511,919
; PRIOR FILING DATE: 2003-10-15
; PRIOR APPLICATION NUMBER: US 60/511,719
; PRIOR FILING DATE: 2003-10-15
; PRIOR APPLICATION NUMBER: US 60/532,666
; PRIOR FILING DATE: 2003-12-24
; PRIOR APPLICATION NUMBER: US 60/556,631
; PRIOR FILING DATE: 2004-03-26
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; PRIOR FILING DATE: 2004-10-01
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; PRIOR FILING DATE: 2004-10-07
; NUMBER OF SEQ ID NOS: 72
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 44
; LENGTH: 26
; TYPE: PRT
; ORGANISM: Listeria monocytogenes
US-10-966-483-44

Query Match 2.9%; Score 6; DB 6; Length 26;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 54 AQQTEA 59
Db 19 AQQTEA 24
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RESULT 4
US-11-021-441-45
; Sequence 45, Application US/11021441
; Publication No. US20050249748A1
; GENERAL INFORMATION:
; APPLICANT: DUBENSKY, Thomas W., Jr.
; APPLICANT: PORTNOY, Daniel A.
; APPLICANT: LUCKETT, William S., Jr.
; APPLICANT: COOK, David N.
; TITLE OF INVENTION: RECOMBINANT NUCLEIC ACID MOLECULES,
; TITLE OF INVENTION: EXPRESSION CASSETTES, AND BACTERIA, AND METHODS OF USE
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 282172003900
; CURRENT APPLICATION NUMBER: US/11/021,441

RESULT 5
US-11-021-441-109
; Sequence 109, Application US/11021441
; Publication No. US20050249748A1
; GENERAL INFORMATION:
; APPLICANT: DUBENSKY, Thomas W., Jr.
; APPLICANT: PORTNOY, Daniel A., Jr.
; APPLICANT: LUCKETT, William S., Jr.
; TITLE OF INVENTION: RECOMBINANT NUCLEIC ACID MOLECULES,
; TITLE OF INVENTION: EXPRESSION CASSETTES, AND BACTERIA, AND METHODS OF USE
; TITLE OF INVENTION: THEREOF
; FILE REFERENCE: 282172003900
; CURRENT APPLICATION NUMBER: US/11/021,441
; CURRENT FILING DATE: 2004-12-23
; PRIOR APPLICATION NUMBER: US 60/616,750
; PRIOR FILING DATE: 2004-10-06
; PRIOR APPLICATION NUMBER: US 60/615,287
; PRIOR FILING DATE: 2004-10-01
; PRIOR APPLICATION NUMBER: US 60/599,377
; PRIOR FILING DATE: 2004-08-05
; PRIOR APPLICATION NUMBER: PCT/US2004/23881
; PRIOR FILING DATE: 2004-07-23
; PRIOR APPLICATION NUMBER: US 10/883,599
; PRIOR FILING DATE: 2004-06-30
; PRIOR APPLICATION NUMBER: US 60/556,744
; PRIOR FILING DATE: 2004-03-26
; NUMBER OF SEQ ID NOS: 129
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 45
; LENGTH: 26
; TYPE: PRT
; ORGANISM: Listeria monocytogenes
US-11-021-441-45

Query Match 2.9%; Score 6; DB 7; Length 26;
Best Local Similarity 100.0%; Pred. No. 11;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 54 AOOTEA 59
Db 19 AOOTEA 24
|||||

RESULT 6
US-10-485-517-147
; Sequence 147, Application US/10485517
; Publication No. US20050256299A1
; GENERAL INFORMATION:
; APPLICANT: University of Sheffield
; APPLICANT: Biosynexus Incorporated
; APPLICANT: Foster, Simon
; APPLICANT: Mond, James
; TITLE OF INVENTION: Antigenic Polypeptides
; FILE REFERENCE: P100629WO
; CURRENT APPLICATION NUMBER: US/10/485,517
; CURRENT FILING DATE: 2004-02-02
; PRIOR APPLICATION NUMBER: GB 0118825.9
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: GB 0200349.9
; PRIOR FILING DATE: 2002-01-09
; NUMBER OF SEQ ID NOS: 424
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 147
; LENGTH: 119
; TYPE: PRT
; ORGANISM: Staphylococcus aureus
US-10-485-517-147

Query Match 2.9%; Score 6; DB 6; Length 119;
Best Local Similarity 100.0%; Pred. No. 47;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 19 AGLLIG 24
Db 27 AGLLIG 32
|||||

RESULT 7
US-10-467-657-7782
; Sequence 7782, Application US/10467657
; Publication No. US20050260581A1
; GENERAL INFORMATION:
; APPLICANT: CHIRON SpA
; APPLICANT: FONTANA Maria Rita
; APPLICANT: PIZZA Mariagrazia
; APPLICANT: MASIGNANI Vega
; APPLICANT: MONACI Elisabetta
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/467,657
; CURRENT FILING DATE: 2003-08-11
; PRIOR APPLICATION NUMBER: GB-0103424.8
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 9218
; SOFTWARE: SeqWin99, version 1.04
; SEQ ID NO 7782
; LENGTH: 122
; TYPE: PRT
; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-7782

Query Match 2.9%; Score 6; DB 6; Length 122;
Best Local Similarity 100.0%; Pred. No. 48;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 105 RPDGAL 110
Db 71 RPDGAL 76
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RESULT 8
US-10-467-657-4260
; Sequence 4260, Application US/10467657
; Publication No. US20050260581A1
; GENERAL INFORMATION:

; APPLICANT: CHIRON SPA
; APPLICANT: FONTANA Maria Rita
; APPLICANT: PIZZA Mariagrazia
; APPLICANT: MASIGNANI Vega
; APPLICANT: MONACI Elisabetta
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/467,657
; CURRENT FILING DATE: 2003-08-11
; PRIOR APPLICATION NUMBER: GB-0103424.8
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 9218
; SOFTWARE: SeqWin99, version 1.04
; SEQ ID NO 4260
; LENGTH: 126
; TYPE: PRT
; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-4260

Query Match 2.9%; Score 6; DB 6; Length 126;
Best Local Similarity 100.0%; Pred. No. 50;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 94 LGVKTS 99
Db 47 LGVKTS 52
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RESULT 9
US-10-793-626-242
; Sequence 242, Application US/10793626
; Publication No. US20050255478A1
; GENERAL INFORMATION:
; APPLICANT: KIMMERLY, WILLIAM JOHN
; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
; FILE REFERENCE: PUS480US
; CURRENT APPLICATION NUMBER: US/10/793,626
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: 60/164,258
; PRIOR FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 4472
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 242
; LENGTH: 127
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: amino acid sequence
US-10-793-626-242

Query Match 2.9%; Score 6; DB 6; Length 127;
Best Local Similarity 100.0%; Pred. No. 50;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 18 LAGLLL 23
Db 107 LAGLLL 112
|||||

RESULT 10
US-10-467-657-7322
; Sequence 7322, Application US/10467657
; Publication No. US20050260581A1
; GENERAL INFORMATION:
; APPLICANT: CHIRON SpA
; APPLICANT: FONTANA Maria Rita
; APPLICANT: PIZZA Mariagrazia
; APPLICANT: MASIGNANI Vega
; APPLICANT: MONACI Elisabetta
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/467,657

; CURRENT FILING DATE: 2003-08-11
; PRIOR APPLICATION NUMBER: GB-0103424.8
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 9218
; SOFTWARE: SeqWin99, version 1.04
; SEQ ID NO 7322
; LENGTH: 155
; TYPE: PRT
; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-7322

Query Match 2.9%; Score 6; DB 6; Length 155;
Best Local Similarity 100.0%; Pred. No. 61;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 37 LLOFGG 42
Db 106 LLOFGG 111
|||||

RESULT 11
US-10-957-569-64
; Sequence 64, Application US/10957569
; Publication No. US20050246785A1
; GENERAL INFORMATION:
; APPLICANT: COOK, Zhihong et al.
; TITLE OF INVENTION: PROMOTER, PROMOTER CONTROL ELEMENTS, AND COMBINATIONS, AND USES
; FILE REFERENCE: 2750-1577PUS3
; CURRENT APPLICATION NUMBER: US/10/957,569
; CURRENT FILING DATE: 2004-09-30
; PRIOR APPLICATION NUMBER: US 10/950,321
; PRIOR FILING DATE: 2004-09-23
; NUMBER OF SEQ ID NOS: 64
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 64
; LENGTH: 157
; TYPE: PRT
; ORGANISM: Arabidopsis thaliana
US-10-957-569-64

Query Match 2.9%; Score 6; DB 6; Length 157;
Best Local Similarity 100.0%; Pred. No. 62;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 16 SVLAGL 21
Db 148 SVLAGL 153
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RESULT 12
US-10-467-657-7326
; Sequence 7326, Application US/10467657
; Publication No. US20050260581A1
; GENERAL INFORMATION:
; APPLICANT: CHIRON SpA
; APPLICANT: FONTANA Maria Rita
; APPLICANT: PIZZA Mariagrazia
; APPLICANT: MASIGNANI Vega
; APPLICANT: MONACI Elisabetta
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/467,657
; CURRENT FILING DATE: 2003-08-11
; PRIOR APPLICATION NUMBER: GB-0103424.8
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 9218
; SOFTWARE: SeqWin99, version 1.04
; SEQ ID NO 7326
; LENGTH: 158
; TYPE: PRT
; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-7326

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Query Match      2.9%; Score 6; DB 6; Length 158;
Best Local Similarity 100.0%; Pred.No. 62;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      37 LQFGG 42
Db      91 LQFGG 96

RESULT 13
US-10-742-634-5
; Sequence 5, Application US/10742634
; Publication No. US20050249671A9
; GENERAL INFORMATION:
; APPLICANT: Parmelee, David
; APPLICANT: Yeh, Ren-Hwa
; APPLICANT: Galperina, Olga
; APPLICANT: Hilbert, David
; APPLICANT: Rosen, Craig A.
; TITLE OF INVENTION: Neurokine-alpha Conjugate, Neurokine-alpha Complex, and Uses Th
; FILE REFERENCE: 1488.1810002
; CURRENT APPLICATION NUMBER: US/10/742,634
; CURRENT FILING DATE: 2003-12-22
; PRIOR APPLICATION NUMBER: US 60/435,262
; PRIOR FILING DATE: 2002-12-23
; PRIOR APPLICATION NUMBER: US 60/467,198
; PRIOR FILING DATE: 2003-05-02
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 5
; LENGTH: 184
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-742-634-5

Query Match      2.9%; Score 6; DB 6; Length 184;
Best Local Similarity 100.0%; Pred.No. 72;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      165 LPLPGL 170
Db      72 LPLPGL 77

RESULT 14
US-10-967-527A-5
; Sequence 5, Application US/10967527A
; Publication No. US20050256041A1
; GENERAL INFORMATION:
; APPLICANT: Fox, Brian A.
; APPLICANT: Holloway, James L.
; APPLICANT: Sheppard, Paul O.
; TITLE OF INVENTION: Ztnf14, A Tumor Necrosis Factor
; TITLE OF INVENTION: Receptor
; FILE REFERENCE: 03-17
; CURRENT APPLICATION NUMBER: US/10/967,527A
; CURRENT FILING DATE: 2004-10-18
; PRIOR APPLICATION NUMBER: 60/511,698
; PRIOR FILING DATE: 2003-10-16
; NUMBER OF SEQ ID NOS: 51
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 5
; LENGTH: 184
; TYPE: PRT
; ORGANISM: homo sapiens
US-10-967-527A-5

Query Match      2.9%; Score 6; DB 6; Length 184;
Best Local Similarity 100.0%; Pred.No. 72;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      165 LPLPGL 170
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Db      72 LPLPGL 77

RESULT 15
US-10-995-561-784
; Sequence 784, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; TITLE OF INVENTION: DETECTION AND USES THEREOF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 784
; LENGTH: 194
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-995-561-784

Query Match      2.9%; Score 6; DB 6; Length 194;
Best Local Similarity 100.0%; Pred.No. 75;
Matches 6; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      30 PIPDSS 35
Db      5 PIPDSS 10

Search completed: January 13, 2006, 17:39:57
Job time : 12 secs
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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: January 13, 2006, 17:05:18 ; Search time 20.129 Seconds
(without alignments)
65.717 Million cell updates/sec

Title: US-10-060-765-7

Perfect score: 86

Sequence: 1 RQRYLYTDDAQOTEAH 16

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Issued Patents AA.*

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2: /cgn2_6/ptodata/1/iaa/6 COMB.pcp.*

3: /cgn2_6/ptodata/1/iaa/H COMB.pcp.*

4: /cgn2_6/ptodata/1/iaa/PCTUS COMB.pcp.*

5: /cgn2_6/ptodata/1/iaa/RE COMB.pcp.*

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	86	100.0	16	2	US-09-715-805-7
2	86	100.0	85	2	US-09-621-976-5213
3	86	100.0	181	2	US-09-390-207-5
4	86	100.0	209	2	US-09-390-207-2
5	86	100.0	209	2	US-09-715-805-4
6	75	87.2	181	2	US-09-390-207-6
7	75	87.2	210	2	US-09-390-207-4
8	75	87.2	210	2	US-09-715-805-2
9	75	87.2	210	2	US-09-655-938-7
10	48	55.8	479	2	US-09-489-039A-14225
11	42	48.8	137	2	US-09-107-532A-4355
12	41	47.7	1121	2	US-09-171-461-28
13	41	47.7	1121	2	US-09-970-711-28
14	40	46.5	102	2	US-09-248-796A-26424
15	40	46.5	152	2	US-09-232-991A-28391
16	40	46.5	366	2	US-09-489-039A-10181
17	40	46.5	566	2	US-09-538-092-581
18	40	46.5	566	2	US-09-487-558B-418
19	40	46.5	575	2	US-10-104-047-3423
20	39	45.3	735	2	US-09-147-236-7
21	39	45.3	735	2	US-09-522-474-7
22	38	44.2	83	2	US-09-513-999C-4553
23	38	44.2	83	2	US-09-471-276-1470
24	38	44.2	136	2	US-09-621-976-4224
25	38	44.2	164	2	US-09-634-238-396
26	38	44.2	285	2	US-09-489-039A-14221
27	38	44.2	301	2	US-09-710-279-1396

Sequence 10731, A
Sequence 5569, Ap
Sequence 20, Appl
Sequence 16, Appl
Sequence 17, Appl
Sequence 20, Appl
Sequence 15, Appl
Sequence 2, Appl
Sequence 2, Appl
Sequence 2, Appl
Sequence 2, Appl
Sequence 2206, Ap
Sequence 31483, A
Sequence 3993, Ap
Sequence 2086, Ap
Sequence 5499, A
Sequence 42579, A
Sequence 28, Appl

28 38 44.2 526 2 US-09-489-039A-10731
29 38 44.2 557 2 US-09-134-001C-5569
30 38 44.2 580 2 US-09-830-433A-20
31 38 44.2 747 2 US-08-089-397A-16
32 38 44.2 776 1 US-07-603-133B-17
33 38 44.2 776 1 US-07-603-133B-20
34 38 44.2 776 2 US-08-089-397A-15
35 38 44.2 2396 1 US-08-157-005-2
36 38 44.2 2396 2 US-08-747-863-2
37 38 44.2 2396 2 US-09-565-864-2
38 38 44.2 2396 2 US-10-226-065-2
39 37 43.0 219 2 US-09-710-279-2206
40 37 43.0 310 2 US-09-252-991A-31483
41 37 43.0 317 2 US-09-134-001C-3993
42 37 43.0 318 2 US-09-540-236-2086
43 37 43.0 338 2 US-09-543-681A-5499
44 37 43.0 349 2 US-09-270-767-42579
45 37 43.0 377 2 US-09-352-990-28

ALIGNMENTS

RESULT 1
US-09-715-805-7
; Sequence 7, Application US/09715805
; Patent No. 6716626
; GENERAL INFORMATION:
; APPLICANT: Kavanagh, W. Michael
; APPLICANT: Itoh, No. 6716626uyuki
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/09/715,805
; CURRENT FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-715-805-7

Query Match 100.0%; Score 86; DB 2; Length 16;
Best Local Similarity 100.0%; Pred. No. 3.3e-08;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQOTEAH 16
| | | | | | | | | | | | | | | |
Db 1 RQRYLYTDDAQOTEAH 16

RESULT 2
US-09-621-976-5213
; Sequence 5213, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 5213
; LENGTH: 85
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -28..-1

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; NAME/KEY: UNSURE
; LOCATION: 57
; OTHER INFORMATION: Xaa = Ala,Pro
; NAME/KEY: UNSURE
; LOCATION: 52
; OTHER INFORMATION: Xaa = Leu,Val
US-09-621-976-5213

Query Match      100.0%; Score 86; DB 2; Length 85;
Best Local Similarity 100.0%; Pred. No. 2e-07;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RQRYLYTDDAQOTEAH 16
Db 45 RQRYLYTDDAQOTEAH 60

RESULT 3
US-09-390-207-5
; Sequence 5, Application US/09390207
; Patent No. 6504530
; GENERAL INFORMATION:
; APPLICANT: Thomason, Arlen
; APPLICANT: Liu, Benxian
; TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
; FILE REFERENCE: 99-371
; CURRENT APPLICATION NUMBER: US/09/390,207
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 181
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-390-207-5

Query Match      100.0%; Score 86; DB 2; Length 181;
Best Local Similarity 100.0%; Pred. No. 4.5e-07;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RQRYLYTDDAQOTEAH 16
Db 17 RQRYLYTDDAQOTEAH 32

RESULT 4
US-09-390-207-2
; Sequence 2, Application US/09390207
; Patent No. 6504530
; GENERAL INFORMATION:
; APPLICANT: Thomason, Arlen
; APPLICANT: Liu, Benxian
; TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
; FILE REFERENCE: 99-371
; CURRENT APPLICATION NUMBER: US/09/390,207
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 2
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-390-207-2

Query Match      100.0%; Score 86; DB 2; Length 209;
Best Local Similarity 100.0%; Pred. No. 5.2e-07;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RQRYLYTDDAQOTEAH 16
Db 45 RQRYLYTDDAQOTEAH 60

; NAME/KEY: UNSURE
; LOCATION: 57
; OTHER INFORMATION: Xaa = Ala,Pro
; NAME/KEY: UNSURE
; LOCATION: 52
; OTHER INFORMATION: Xaa = Leu,Val
US-09-621-976-5213

Query Match      100.0%; Score 86; DB 2; Length 85;
Best Local Similarity 100.0%; Pred. No. 2e-07;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RQRYLYTDDAQOTEAH 16
Db 45 RQRYLYTDDAQOTEAH 60

RESULT 5
US-09-715-805-4
; Sequence 4, Application US/09715805
; Patent No. 6716626
; GENERAL INFORMATION:
; APPLICANT: Itoh, No. 6716626uyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/09/715,805
; CURRENT FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-715-805-4

Query Match      100.0%; Score 86; DB 2; Length 209;
Best Local Similarity 100.0%; Pred. No. 5.2e-07;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RQRYLYTDDAQOTEAH 16
Db 45 RQRYLYTDDAQOTEAH 60

RESULT 6
US-09-390-207-6
; Sequence 6, Application US/09390207
; Patent No. 6504530
; GENERAL INFORMATION:
; APPLICANT: Thomason, Arlen
; APPLICANT: Liu, Benxian
; TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
; FILE REFERENCE: 99-371
; CURRENT APPLICATION NUMBER: US/09/390,207
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 181
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-390-207-6

Query Match      87.2%; Score 75; DB 2; Length 181;
Best Local Similarity 87.5%; Pred. No. 3.4e-05;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

Qy 1 RQRYLYTDDAQOTEAH 16
Db 17 RQRYLYTDDAQOTEAH 32

RESULT 7
US-09-390-207-4
; Sequence 4, Application US/09390207
; Patent No. 6504530
; GENERAL INFORMATION:
; APPLICANT: Thomason, Arlen
; APPLICANT: Liu, Benxian
; TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
; FILE REFERENCE: 99-371
; CURRENT APPLICATION NUMBER: US/09/390,207
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 210
; TYPE: PRT
US-09-390-207-4
```

```

; ORGANISM: Mus musculus
US-09-390-207-4
Query Match      87.2%; Score 75; DB 2; Length 210;
Best Local Similarity 87.5%; Pred. No. 3.9e-05;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 RORYLYTDDAQOQTEAH 16
Db 46 RORYLYTDDDDQOQTEAH 61

RESULT 8
US-09-715-805-2
; Sequence 2, Application US/09715805
; Patent No. 6716626
; GENERAL INFORMATION:
; APPLICANT: Itoh, No. 6716626uyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/09/715,805
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 210
; TYPE: PRT
; ORGANISM: Mus musculus
US-09-715-805-2

Query Match      87.2%; Score 75; DB 2; Length 210;
Best Local Similarity 87.5%; Pred. No. 3.9e-05;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 RORYLYTDDAQOQTEAH 16
Db 46 RORYLYTDDDDQOQTEAH 61

RESULT 9
US-09-665-493B-7
; Sequence 7, Application US/09665493B
; Patent No. 6943153
; GENERAL INFORMATION:
; APPLICANT: Manning, William C., Jr.
; APPLICANT: Dwaraki, Varavani J.
; APPLICANT: Rendahl, Katherine
; APPLICANT: Zhou, Shang-Zhen
; APPLICANT: McGee, Laura H.
; APPLICANT: Lau, Dana
; APPLICANT: Flannery, John G.
; APPLICANT: Miller, Sheldon
; APPLICANT: Wang, Fei
; APPLICANT: Di Polo, Adriana
; TITLE OF INVENTION: USE OF RECOMBINANT GENE DELIVERY VECTORS
; FILE REFERENCE: PP1588.005 (20263.40)
; CURRENT APPLICATION NUMBER: US/09/665,493B
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 210
; TYPE: PRT
; ORGANISM: Homo sapien
US-09-665-493B-7

Query Match      87.2%; Score 75; DB 2; Length 210;
Best Local Similarity 87.5%; Pred. No. 3.9e-05;
Matches 14; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 1 RORYLYTDDAQOQTEAH 16
Db 46 RORYLYTDDDDQOQTEAH 61

RESULT 10
US-09-489-039A-14225
; Sequence 14225, Application US/09489039A
; Patent No. 6610836
; GENERAL INFORMATION:
; APPLICANT: Gary Breton et. al
; TITLE OF INVENTION: PNEUMONIAE FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 2709.2004001
; CURRENT APPLICATION NUMBER: US/09/489,039A
; CURRENT FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: US 60/117,747
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 14342
; SEQ ID NO 14225
; LENGTH: 479
; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-14225

Query Match      55.8%; Score 48; DB 2; Length 479;
Best Local Similarity 62.5%; Pred. No. 3.8;
Matches 10; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 1 RORYLYTDDAQOQTEAH 16
Db 460 RORYHPGDDRQOQAH 475

RESULT 11
US-09-107-532A-4355
; Sequence 4355, Application US/09107532A
; Patent No. 6583275
; GENERAL INFORMATION:
; APPLICANT: Lynn A Doucette-Stamm and David Bush
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO
; ENTEROCOCCUS FAECIUM FOR DIAGNOSTICS AND THERAPEUTICS
; NUMBER OF SEQUENCES: 7310
; CORRESPONDENCE ADDRESS:
; ADDRESSEE: GENOME THERAPEUTICS CORPORATION
; STREET: 100 Beaver Street
; CITY: Waltham
; STATE: Massachusetts
; COUNTRY: USA
; ZIP: 02354
; COMPUTER READABLE FORM:
; MEDIUM TYPE: CD-ROM ISO9660
; COMPUTER: PC
; OPERATING SYSTEM: <Unknown>
; SOFTWARE: ASCII
; CURRENT APPLICATION DATA:
; APPLICATION NUMBER: US/09/107,532A
; FILING DATE: 30-Jun-1998
; PRIOR APPLICATION DATA:
; APPLICATION NUMBER: 60/085,598
; FILING DATE: 14 May 1998
; APPLICATION NUMBER: 60/051571
; FILING DATE: July 2, 1997
; ATTORNEY/AGENT INFORMATION:
; NAME: Ariniello, Pamela Deneke
; REGISTRATION NUMBER: 40,489
; REFERENCE/DOCKET NUMBER: GTC-012
; TELECOMMUNICATION INFORMATION:
; TELEPHONE: (781)893-5007
; TELEFAX: (781)893-8277
; INFORMATION FOR SEQ ID NO: 4355:
; SEQUENCE CHARACTERISTICS:
; LENGTH: 137 amino acids
```

```
; TYPE: amino acid
; TOPOLOGY: linear
; MOLECULE TYPE: protein
; HYPOTHETICAL: YES
; ORIGINAL SOURCE:
; ORGANISM: Enterococcus faecium
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (B) LOCATION 1...137
; SEQUENCE DESCRIPTION: SEQ ID NO: 4355:
US-09-107-532A-4355

Query Match      48.8%; Score 42; DB 2; Length 137;
Best Local Similarity 54.5%; Pred. No. 10;
Matches 6; Conservative 4; Mismatches 1; Indels 0; Gaps 0;

QY      4 YLYTDDAQQTE 14
       |||:|:|:|
Db      108 YIYDSEDETE 118

RESULT 12
US-09-171-461-28
; Sequence 28, Application US/09171461
; Patent No. 6335016
; GENERAL INFORMATION:
; APPLICANT: Baker, Adam
; APPLICANT: Cotten, Matthew
; APPLICANT: Chioccia, Susanna
; APPLICANT: Kurzbauer, Robert
; APPLICANT: Schaffner, Gotthold
; TITLE OF INVENTION: Chicken Embryo Lethal Orphan (CELO) Virus
; FILE REFERENCE: 0652.1800000
; CURRENT APPLICATION NUMBER: US/09/171,461
; CURRENT FILING DATE: 1999-01-12
; EARLIER APPLICATION NUMBER: PCT/EP97/01944
; EARLIER FILING DATE: 1997-04-18
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 28
; LENGTH: 1121
; TYPE: PRT
; ORGANISM: CELO VIRUS
; FEATURE:
; OTHER INFORMATION: Position: 6501..9866/Product: E2b pol
US-09-171-461-28

Query Match      47.7%; Score 41; DB 2; Length 1121;
Best Local Similarity 50.0%; Pred. No. 1.5e+02;
Matches 7; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY      1 RQRYLYTDDAQQTE 14
       |||:|:|:|
Db      731 RQFRYADDPEQEE 744

RESULT 13
US-09-970-711-28
; Sequence 28, Application US/09970711
; Patent No. 6773709
; GENERAL INFORMATION:
; APPLICANT: Baker, Adam
; APPLICANT: Cotten, Matthew
; APPLICANT: Chioccia, Susanna
; APPLICANT: Kurzbauer, Robert
; APPLICANT: Schaffner, Gotthold
; TITLE OF INVENTION: Chicken Embryo Lethal Orphan (CELO) Virus
; FILE REFERENCE: 0652.1800001
; CURRENT APPLICATION NUMBER: US/09/970,711
; CURRENT FILING DATE: 2001-10-05
; PRIOR APPLICATION NUMBER: 09/171,461
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: PCT/EP97/01944
```

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; PRIOR FILING DATE: 1997-04-18
; NUMBER OF SEQ ID NOS: 54
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 28
; LENGTH: 1121
; TYPE: PRT
; ORGANISM: CELO VIRUS
; FEATURE:
; OTHER INFORMATION: Position: 6501..9866/Product: E2b pol
US-09-970-711-28

Query Match      47.7%; Score 41; DB 2; Length 1121;
Best Local Similarity 50.0%; Pred. No. 1.5e+02;
Matches 7; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY      1 RQRYLYTDDAQQTE 14
       |||:|:|:|
Db      731 RQFRYADDPEQEE 744

RESULT 14
US-09-248-796A-26424
; Sequence 26424, Application US/09248796A
; Patent No. 6747137
; GENERAL INFORMATION:
; APPLICANT: Keith Weinstock et al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO CANDIDA ALBICA
; FILE REFERENCE: 107196.132
; CURRENT APPLICATION NUMBER: US/09/248,796A
; CURRENT FILING DATE: 1999-02-12
; PRIOR APPLICATION NUMBER: US 60/074,725
; PRIOR FILING DATE: 1998-02-13
; PRIOR APPLICATION NUMBER: US 60/096,409
; PRIOR FILING DATE: 1998-08-13
; NUMBER OF SEQ ID NOS: 28208
; SEQ ID NO 26424
; LENGTH: 102
; TYPE: PRT
; ORGANISM: Candida albicans
US-09-248-796A-26424

Query Match      46.5%; Score 40; DB 2; Length 102;
Best Local Similarity 37.5%; Pred. No. 17;
Matches 6; Conservative 5; Mismatches 5; Indels 0; Gaps 0;

QY      1 RQRYLYTDDAQQTEAH 16
       |||:|:|:|
Db      75 KQVTFWDDVQEIQSH 90

RESULT 15
US-09-252-991A-28391
; Sequence 28391, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 28391
; LENGTH: 152
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-28391
```



```
Query Match          46.5%; Score 40; DB 2; Length 152;
Best Local Similarity 63.6%; Pred. NO. 26;
Matches 7; Conservative 2; Mismatches 0; Indels 2; Gaps 0;

QY 6 YTDDAQQTTEAH 16
DB 129 WRDDAPQTESH 139

RESULT 16
US-09-489-039A-10181
; Sequence 10181, Application US/09489039A
; Patent No. 6610836
; GENERAL INFORMATION:
; APPLICANT: Gary Breton et. al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
; FILE REFERENCE: 2709.2004001
; CURRENT APPLICATION NUMBER: US/09/489,039A
; CURRENT FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: US 60/117,747
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 14342
; SEQ ID NO 10181
; LENGTH: 366
; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-10181

Query Match          46.5%; Score 40; DB 2; Length 366;
Best Local Similarity 50.0%; Pred. NO. 66;
Matches 7; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

QY 3 RYLYTDDAQQTTEAH 16
DB 83 RYIYTDNQKKNWH 96

RESULT 17
US-09-538-092-581
; Sequence 581, Application US/09538092
; Patent No. 6753314
; GENERAL INFORMATION:
; APPLICANT: Mansfield, Traci A.
; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
; FILE REFERENCE: 15966-542
; CURRENT APPLICATION NUMBER: US/09/538,092
; CURRENT FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/127,352
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: 60/178,965
; PRIOR FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 1387
; SOFTWARE: CuraPatSeqFormatter Version 0.9
; SEQ ID NO 581
; LENGTH: 566
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Polypeptide Accession Number YLR417W
US-09-538-092-581

Query Match          46.5%; Score 40; DB 2; Length 566;
Best Local Similarity 53.8%; Pred. NO. 1.1e+02;
Matches 7; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 2 QRYLYTDDAQQTTE 14
DB 52 QRIIYDDAKPTQ 64

RESULT 18
US-09-487-558B-418
; Sequence 418, Application US/09487558B
; Patent No. 6949356
; GENERAL INFORMATION:
; APPLICANT: Bueby, Robert
; APPLICANT: Cali, Brian
; APPLICANT: Hecht, Peter
; APPLICANT: Holtzman, Doug
; APPLICANT: Madden, Kevin
; APPLICANT: Maxon, Mary
; APPLICANT: Milne, Todd
; APPLICANT: No. 6949356man, Thea
; APPLICANT: Royer, John
; APPLICANT: Salama, Sofie
; APPLICANT: Sherman, Amir
; APPLICANT: Silva, Jeff
; APPLICANT: Summers, Eric
; TITLE OF INVENTION: Methods for Improving Secondary Metabolite Production in Fungi
; FILE REFERENCE: 109272.130
; CURRENT APPLICATION NUMBER: US/09/487,558B
; CURRENT FILING DATE: 2000-01-19
; PRIOR APPLICATION NUMBER: US 60/487,558
; PRIOR FILING DATE: 1999-10-20
; NUMBER OF SEQ ID NOS: 446
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 418
; LENGTH: 566
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
US-09-487-558B-418

Query Match          46.5%; Score 40; DB 2; Length 566;
Best Local Similarity 53.8%; Pred. NO. 1.1e+02;
Matches 7; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 2 QRYLYTDDAQQTTE 14
DB 52 QRIIYDDAKPTQ 64

RESULT 19
US-10-104-047-3423
; Sequence 3423, Application US/10104047
; Patent No. 6943241
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. 6943241el full length cdna
; FILE REFERENCE: HL-A0105
; CURRENT APPLICATION NUMBER: US/10/104,047
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 4096
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3423
; LENGTH: 575
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-104-047-3423

Query Match          46.5%; Score 40; DB 2; Length 575;
Best Local Similarity 53.3%; Pred. NO. 1.1e+02;
Matches 8; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQQTTEA 15
DB 196 RGEYLYTDSQITDS 210

RESULT 20
US-09-147-236-7
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```
Query Match          46.5%; Score 40; DB 2; Length 152;
Best Local Similarity 63.6%; Pred. NO. 26;
Matches 7; Conservative 2; Mismatches 0; Indels 2; Gaps 0;

QY 6 YTDDAQQTTEAH 16
DB 129 WRDDAPQTESH 139

RESULT 16
US-09-489-039A-10181
; Sequence 10181, Application US/09489039A
; Patent No. 6610836
; GENERAL INFORMATION:
; APPLICANT: Gary Breton et. al
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO KLEBSIELLA
; FILE REFERENCE: 2709.2004001
; CURRENT APPLICATION NUMBER: US/09/489,039A
; CURRENT FILING DATE: 2000-01-27
; PRIOR APPLICATION NUMBER: US 60/117,747
; PRIOR FILING DATE: 1999-01-29
; NUMBER OF SEQ ID NOS: 14342
; SEQ ID NO 10181
; LENGTH: 366
; TYPE: PRT
; ORGANISM: Klebsiella pneumoniae
US-09-489-039A-10181

Query Match          46.5%; Score 40; DB 2; Length 366;
Best Local Similarity 50.0%; Pred. NO. 66;
Matches 7; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

QY 3 RYLYTDDAQQTTEAH 16
DB 83 RYIYTDNQKKNWH 96

RESULT 17
US-09-538-092-581
; Sequence 581, Application US/09538092
; Patent No. 6753314
; GENERAL INFORMATION:
; APPLICANT: Mansfield, Traci A.
; TITLE OF INVENTION: Protein-Protein Complexes and Method of Using Same
; FILE REFERENCE: 15966-542
; CURRENT APPLICATION NUMBER: US/09/538,092
; CURRENT FILING DATE: 2000-03-29
; PRIOR APPLICATION NUMBER: 60/127,352
; PRIOR FILING DATE: 1999-04-01
; PRIOR APPLICATION NUMBER: 60/178,965
; PRIOR FILING DATE: 2000-02-01
; NUMBER OF SEQ ID NOS: 1387
; SOFTWARE: CuraPatSeqFormatter Version 0.9
; SEQ ID NO 581
; LENGTH: 566
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
; FEATURE:
; NAME/KEY: misc_feature
; LOCATION: (0)...(0)
; OTHER INFORMATION: Polypeptide Accession Number YLR417W
US-09-538-092-581

Query Match          46.5%; Score 40; DB 2; Length 566;
Best Local Similarity 53.8%; Pred. NO. 1.1e+02;
Matches 7; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 3 RYLYTDDAQQTTEAH 16
DB 83 RYIYTDNQKKNWH 96

RESULT 18
US-09-487-558B-418
; Sequence 418, Application US/09487558B
; Patent No. 6949356
; GENERAL INFORMATION:
; APPLICANT: Bueby, Robert
; APPLICANT: Cali, Brian
; APPLICANT: Hecht, Peter
; APPLICANT: Holtzman, Doug
; APPLICANT: Madden, Kevin
; APPLICANT: Maxon, Mary
; APPLICANT: Milne, Todd
; APPLICANT: No. 6949356man, Thea
; APPLICANT: Royer, John
; APPLICANT: Salama, Sofie
; APPLICANT: Sherman, Amir
; APPLICANT: Silva, Jeff
; APPLICANT: Summers, Eric
; TITLE OF INVENTION: Methods for Improving Secondary Metabolite Production in Fungi
; FILE REFERENCE: 109272.130
; CURRENT APPLICATION NUMBER: US/09/487,558B
; CURRENT FILING DATE: 2000-01-19
; PRIOR APPLICATION NUMBER: US 60/487,558
; PRIOR FILING DATE: 1999-10-20
; NUMBER OF SEQ ID NOS: 446
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 418
; LENGTH: 566
; TYPE: PRT
; ORGANISM: Saccharomyces cerevisiae
US-09-487-558B-418

Query Match          46.5%; Score 40; DB 2; Length 566;
Best Local Similarity 53.8%; Pred. NO. 1.1e+02;
Matches 7; Conservative 3; Mismatches 3; Indels 0; Gaps 0;

QY 2 QRYLYTDDAQQTTE 14
DB 52 QRIIYDDAKPTQ 64

RESULT 19
US-10-104-047-3423
; Sequence 3423, Application US/10104047
; Patent No. 6943241
; GENERAL INFORMATION:
; APPLICANT: HELIX RESEARCH INSTITUTE
; TITLE OF INVENTION: No. 6943241el full length cdna
; FILE REFERENCE: HL-A0105
; CURRENT APPLICATION NUMBER: US/10/104,047
; CURRENT FILING DATE: 2002-03-25
; PRIOR APPLICATION NUMBER:
; PRIOR FILING DATE:
; NUMBER OF SEQ ID NOS: 4096
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 3423
; LENGTH: 575
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-104-047-3423

Query Match          46.5%; Score 40; DB 2; Length 575;
Best Local Similarity 53.3%; Pred. NO. 1.1e+02;
Matches 8; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQQTTEA 15
DB 196 RGEYLYTDSQITDS 210

RESULT 20
US-09-147-236-7
```

; Sequence 7, Application US/09147236A

; Patent No. 6316251

; GENERAL INFORMATION:

; APPLICANT: TONOUCHI, Naoto

; APPLICANT: TSUCHIDA, Takayasu

; APPLICANT: YOSHINAGA, Fumihiro

; APPLICANT: TAHARA, Naoki

; APPLICANT: HAYASHI, Takahisa

; TITLE OF INVENTION: NOVEL GENE, GROUP OF GENES, AND NOVEL BETA-GLUCOSIDASE

; FILE REFERENCE: 6537-011-0PCT

; CURRENT APPLICATION NUMBER: US/09/147,236A

; CURRENT FILING DATE: 1999-04-08

; EARLIER APPLICATION NUMBER: PCT/JP97/03633

; EARLIER FILING DATE: 1997-10-09

; NUMBER OF SEQ ID NOS: 12

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 7

; LENGTH: 735

; TYPE: PRT

; ORGANISM: Acetobacter xylinum

; FEATURE:

; OTHER INFORMATION: n at positions 15741 and 15767 may be a, g, t, or

; OTHER INFORMATION: c

US-09-147-236-7

Query Match 45.3%; Score 39; DB 2; Length 735;

Best Local Similarity 70.0%; Pred. No. 2.1e+02;

Matches 7; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 7 TDDAQOTEAH 16

|||||

Db 718 TDDSQOTTMH 727

RESULT 21

US-09-522-474-7

; Sequence 7, Application US/09522474

; Patent No. 6573076

; GENERAL INFORMATION:

; APPLICANT: TONOUCHI, Naoto

; APPLICANT: TSUCHIDA, Takayasu

; APPLICANT: YOSHINAGA, Fumihiro

; APPLICANT: TAHARA, Naoki

; APPLICANT: HAYASHI, Takahisa

; TITLE OF INVENTION: NOVEL GENE, GROUP OF GENES, AND NOVEL BETA-GLUCOSIDASE

; FILE REFERENCE: 6537-011-0PCT

; CURRENT APPLICATION NUMBER: US/09/522,474

; CURRENT FILING DATE: 2000-03-09

; PRIOR APPLICATION NUMBER: US/09/147,236

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: PCT/JP97/03633

; PRIOR FILING DATE: 1997-10-09

; NUMBER OF SEQ ID NOS: 12

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 7

; LENGTH: 735

; TYPE: PRT

; ORGANISM: Acetobacter xylinum

; FEATURE:

; OTHER INFORMATION: n at positions 15741 and 15767 may be a, g, t, or

; OTHER INFORMATION: c

US-09-522-474-7

Query Match 45.3%; Score 39; DB 2; Length 735;

Best Local Similarity 70.0%; Pred. No. 2.1e+02;

Matches 7; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

Qy 7 TDDAQOTEAH 16

|||||

Db 718 TDDSQOTTMH 727

RESULT 22

US-09-522-474-7

; Sequence 7, Application US/09522474

; Patent No. 6573076

; GENERAL INFORMATION:

; APPLICANT: TONOUCHI, Naoto

; APPLICANT: TSUCHIDA, Takayasu

; APPLICANT: YOSHINAGA, Fumihiro

; APPLICANT: TAHARA, Naoki

; APPLICANT: HAYASHI, Takahisa

; TITLE OF INVENTION: NOVEL GENE, GROUP OF GENES, AND NOVEL BETA-GLUCOSIDASE

; FILE REFERENCE: 6537-011-0PCT

; CURRENT APPLICATION NUMBER: US/09/522,474

; CURRENT FILING DATE: 2000-03-09

; PRIOR APPLICATION NUMBER: US/09/147,236

; PRIOR FILING DATE: 1998-04-08

; PRIOR APPLICATION NUMBER: PCT/JP97/03633

; PRIOR FILING DATE: 1997-10-09

; NUMBER OF SEQ ID NOS: 12

; SOFTWARE: PatentIn Ver. 2.1

; SEQ ID NO 7

; LENGTH: 735

; TYPE: PRT

; ORGANISM: Acetobacter xylinum

; FEATURE:

; OTHER INFORMATION: n at positions 15741 and 15767 may be a, g, t, or

; OTHER INFORMATION: c

US-09-522-474-7

US-09-513-999C-4553

; Sequence 4553, Application US/09513999C

; Patent No. 6783961

; GENERAL INFORMATION:

; APPLICANT: Dumas Milne Edwards, J.B.

; APPLICANT: Duclert, A.

; APPLICANT: Giordano, J.Y.

; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.

; Patent No. 6783961

; FILE REFERENCE: 59.US2.REG

; CURRENT APPLICATION NUMBER: US/09/513,999C

; CURRENT FILING DATE: 2000-02-24

; PRIOR APPLICATION NUMBER: US 60/122,487

; PRIOR FILING DATE: 1999-02-26

; NUMBER OF SEQ ID NOS: 36681

; SOFTWARE: Patent.pm

; SEQ ID NO 4553

; LENGTH: 83

; TYPE: PRT

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: SIGNAL

; LOCATION: -41...-1

; OTHER INFORMATION: score 3.6

; OTHER INFORMATION: seq LHTSVTLFLLSVC/DC

; FEATURE:

; NAME/KEY: UNSURE

; LOCATION: 19

; OTHER INFORMATION: Xaa=Lys or Asn or Arg or Ser or Thr

US-09-513-999C-4553

Query Match 44.2%; Score 38; DB 2; Length 83;

Best Local Similarity 53.8%; Pred. No. 29;

Matches 7; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

Qy 2 QRYLYTDDAQOTE 14

|||||

Db 11 EEYLYLDFSHQTE 23

RESULT 23

US-09-471-276-1470

; Sequence 1470, Application US/09471276

; Patent No. 6822072

; GENERAL INFORMATION:

; APPLICANT: Dumas Milne Edwards, J.B.

; APPLICANT: Duclert A.

; APPLICANT: Giordano, J.Y.

; TITLE OF INVENTION: Expressed Sequence Tags and Encoded Human Proteins.

; Patent No. 6822072

; FILE REFERENCE: GENSET.025CP1

; CURRENT APPLICATION NUMBER: US/09/471,276

; CURRENT FILING DATE: 1999-12-21

; EARLIER APPLICATION NUMBER: 09/057,719

; EARLIER FILING DATE: 1998-04-09

; EARLIER APPLICATION NUMBER: 09/069,047

; EARLIER FILING DATE: 1998-04-28

; EARLIER APPLICATION NUMBER: PCT/IB99/00712

; EARLIER FILING DATE: 1999-04-09

; NUMBER OF SEQ ID NOS: 1622

; SOFTWARE: Patent.pm

; SEQ ID NO 1470

; LENGTH: 83

; TYPE: PRT

; ORGANISM: Homo sapiens

; FEATURE:

; NAME/KEY: SIGNAL

; LOCATION: -41...-1

US-09-471-276-1470

Query Match

44.2%; Score 38; DB 2; Length 83;

Best Local Similarity 53.8%; Pred. No. 29;

Matches 7; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 2 QRYLYTDDAQOTE 14
:|||||:|||||
Db 11 BEYLYLDFSHQTE 23

RESULT 24

US-09-621-976-4224
; Sequence 4224, Application US/09621976
; Patent No. 6639063
; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 4224
; LENGTH: 136
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -41..-1
US-09-621-976-4224

Query Match 44.2%; Score 38; DB 2; Length 136;
Best Local Similarity 53.8%; Pred. No. 50;
Matches 7; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 2 QRYLYTDDAQOTE 14
:|||||:|||||
Db 11 BEYLYLDFSHQTE 23

RESULT 25

US-09-634-238-396
; Sequence 396, Application US/09634238
; Patent No. 6544772
; GENERAL INFORMATION:
; APPLICANT: Glenn, Matthew
; APPLICANT: Havukkala, Ilkka J.
; APPLICANT: Bloksberg, Leonard, N.
; APPLICANT: Lubbers, Mark W.
; APPLICANT: Dekker, James
; APPLICANT: Christensson, Anna C.
; APPLICANT: Holland, Ross
; APPLICANT: O'Toole, Paul W.
; APPLICANT: Reid, Julian R.
; APPLICANT: Coolbear, Timothy
; TITLE OF INVENTION: Polynucleotides, materials incorporating
; TITLE OF INVENTION: them and methods for using them.
; FILE REFERENCE: 11000.1043U1
; CURRENT APPLICATION NUMBER: US/09/634,238
; CURRENT FILING DATE: 2000-08-08
; NUMBER OF SEQ ID NOS: 422
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 396
; LENGTH: 164
; TYPE: PRT
; ORGANISM: Lactobacillus rhamnosus
; FEATURE:
; NAME/KEY: VARIANT
; LOCATION: (1)...(164)
; OTHER INFORMATION: Xaa = Any Amino Acid
US-09-634-238-396

Query Match 44.2%; Score 38; DB 2; Length 164;
Best Local Similarity 46.2%; Pred. No. 61;
Matches 6; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 4 YLYTDDAQOTEAH 16
:|||||:|||||
Db 23 FLYTDEAMRVRFH 35

Search completed: January 13, 2006, 17:22:54
Job time : 21.129 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model.

Run on: January 13, 2006, 17:21:33 : Search time 57.2903 Seconds
(without alignments)
116.691 Million cell updates/sec

Title: US-10-060-765-7

Perfect score: 86

Sequence: 1 RQRYLYTDDAQOQTEAH 16

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 1867569 seqs, 417829326 residues

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%
Listing first 45 summaries

Database : Published Applications AA Main:

- 1: /cgn2_6/ptodata/1/pubpaa/US07_PUBCOMB.pep.*
- 2: /cgn2_6/ptodata/1/pubpaa/US08_PUBCOMB.pep.*
- 3: /cgn2_6/ptodata/1/pubpaa/US09_PUBCOMB.pep.*
- 4: /cgn2_6/ptodata/1/pubpaa/US10A_PUBCOMB.pep.*
- 5: /cgn2_6/ptodata/1/pubpaa/US10B_PUBCOMB.pep.*
- 6: /cgn2_6/ptodata/1/pubpaa/US11_PUBCOMB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	86	100.0	16	4	US-10-060-765-7
2	86	100.0	16	4	US-10-818-140-7
3	86	100.0	16	5	US-10-771-173-7
4	86	100.0	91	5	US-10-659-004-60
5	86	100.0	125	5	US-10-659-004-52
6	86	100.0	136	3	US-09-901-938-33
7	86	100.0	136	4	US-10-379-334-33
8	86	100.0	183	5	US-10-659-004-54
9	86	100.0	208	3	US-09-753-695-2
10	86	100.0	208	4	US-10-227-884-78
11	86	100.0	208	4	US-10-230-163-78
12	86	100.0	208	4	US-10-230-338-78
13	86	100.0	208	4	US-10-218-631-78
14	86	100.0	208	4	US-10-230-414-78
15	86	100.0	208	4	US-10-232-224-78
16	86	100.0	208	4	US-10-216-159A-78
17	86	100.0	208	4	US-10-218-849-78
18	86	100.0	208	4	US-10-227-873-78
19	86	100.0	208	4	US-10-227-883-78
20	86	100.0	208	4	US-10-219-076-78
21	86	100.0	208	4	US-10-230-434-78
22	86	100.0	208	4	US-10-219-003-78
23	86	100.0	208	4	US-10-219-075-78
24	86	100.0	208	4	US-10-219-464-78
25	86	100.0	208	4	US-10-219-466-78
26	86	100.0	208	4	US-10-219-479-78
27	86	100.0	208	4	US-10-219-481-78

28	86	100.0	208	4	US-10-230-260-78	Sequence 78, Appl
29	86	100.0	208	4	US-10-232-231-78	Sequence 78, Appl
30	86	100.0	208	4	US-10-232-233-78	Sequence 78, Appl
31	86	100.0	208	4	US-10-216-165-78	Sequence 78, Appl
32	86	100.0	208	4	US-10-218-956-78	Sequence 78, Appl
33	86	100.0	208	4	US-10-219-468-78	Sequence 78, Appl
34	86	100.0	208	4	US-10-219-478-78	Sequence 78, Appl
35	86	100.0	208	4	US-10-219-536-78	Sequence 78, Appl
36	86	100.0	208	4	US-10-233-205-78	Sequence 78, Appl
37	86	100.0	208	4	US-10-219-072-78	Sequence 78, Appl
38	86	100.0	208	4	US-10-219-470-78	Sequence 78, Appl
39	86	100.0	208	4	US-10-219-474-78	Sequence 78, Appl
40	86	100.0	208	4	US-10-219-524-78	Sequence 78, Appl
41	86	100.0	208	4	US-10-219-528-78	Sequence 78, Appl
42	86	100.0	208	4	US-10-227-880-78	Sequence 78, Appl
43	86	100.0	208	4	US-10-227-881-78	Sequence 78, Appl
44	86	100.0	208	4	US-10-227-882-78	Sequence 78, Appl
45	86	100.0	208	4	US-10-230-436-78	Sequence 78, Appl

ALIGNMENTS

RESULT 1
US-10-060-765-7
; Sequence 7, Application US/10060765
; Publication No. US20020164713A1
; GENERAL INFORMATION:
; APPLICANT: Itoh, No. US20020164713A1uyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/10/060.765
; CURRENT FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: US/09/715.805
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-060-765-7

Query Match 100.0%; Score 86; DB 4; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.1e-07;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RQRYLYTDDAQOQTEAH 16
| | | | | | | | | | | | | | | |
Db 1 RQRYLYTDDAQOQTEAH 16

RESULT 2
US-10-818-140-7
; Sequence 7, Application US/10818140
; Publication No. US20040185494A1
; GENERAL INFORMATION:
; APPLICANT: Itoh, Nobuyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: PRODUCTS
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/10/818.140
; CURRENT FILING DATE: 2004-04-05
; PRIOR APPLICATION NUMBER: US/09/715.805
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 16
; TYPE: PRT

; ORGANISM: Homo sapiens
US-10-818-140-7

Query Match 100.0%; Score 86; DB 4; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.1e-07;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQOQTEAH 16
| | | | | | | | | | | | | | | |
Db 1 RQRYLYTDDAQOQTEAH 16

RESULT 3

US-10-771-173-7
; Sequence 7, Application US/10771173
; Publication No. US20050037457A1

; GENERAL INFORMATION:

; APPLICANT: Itoh, Nobuyuki

; APPLICANT: Kavanaugh, W. Michael

; TITLE OF INVENTION: HUMAN EGF-21 GENE AND GENE EXPRESSION

; TITLE OF INVENTION: PRODUCTS

; FILE REFERENCE: PP-16758.001/201130.408

; CURRENT APPLICATION NUMBER: US/10/771,173

; CURRENT FILING DATE: 2004-02-03

; PRIOR APPLICATION NUMBER: US/09/715,805

; PRIOR FILING DATE: 2000-11-16

; NUMBER OF SEQ ID NOS: 17

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 7

; LENGTH: 16

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-771-173-7

Query Match 100.0%; Score 86; DB 5; Length 16;
Best Local Similarity 100.0%; Pred. No. 1.1e-07;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQOQTEAH 16
| | | | | | | | | | | | | | | |
Db 1 RQRYLYTDDAQOQTEAH 16

RESULT 4

US-10-659-004-60
; Sequence 60, Application US/10659004
; Publication No. US20050048507A1

; GENERAL INFORMATION:

; APPLICANT: Zhong et al.

; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD

; FILE REFERENCE: 21402-608

; CURRENT APPLICATION NUMBER: US/10/659,004

; CURRENT FILING DATE: 2003-09-09

; PRIOR APPLICATION NUMBER: 60/295,607

; PRIOR FILING DATE: 2001-06-04

; PRIOR APPLICATION NUMBER: 60/295,661

; PRIOR FILING DATE: 2001-06-04

; PRIOR APPLICATION NUMBER: 60/296,404

; PRIOR FILING DATE: 2001-06-06

; PRIOR APPLICATION NUMBER: 60/296,418

; PRIOR FILING DATE: 2001-06-06

; PRIOR APPLICATION NUMBER: 60/297,414

; PRIOR FILING DATE: 2001-06-11

; PRIOR APPLICATION NUMBER: 60/297,567

; PRIOR FILING DATE: 2001-06-12

; PRIOR APPLICATION NUMBER: 60/298,285

; PRIOR FILING DATE: 2001-06-14

; PRIOR APPLICATION NUMBER: 60/298,556

; PRIOR FILING DATE: 2001-06-15

; PRIOR APPLICATION NUMBER: 60/299,949

; PRIOR FILING DATE: 2001-06-21

; PRIOR APPLICATION NUMBER: 60/300,883

; PRIOR FILING DATE: 2001-06-26

; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 187
; SOFTWARE: CuraseqList version 0.1
; SEQ ID NO 60

; LENGTH: 91

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-659-004-60

Query Match 100.0%; Score 86; DB 5; Length 91;
Best Local Similarity 100.0%; Pred. No. 7.4e-07;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQOQTEAH 16
| | | | | | | | | | | | | | | |
Db 45 RQRYLYTDDAQOQTEAH 60

RESULT 5

US-10-659-004-52
; Sequence 52, Application US/10659004
; Publication No. US20050048507A1

; GENERAL INFORMATION:

; APPLICANT: Zhong et al.

; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD

; FILE REFERENCE: 21402-608

; CURRENT APPLICATION NUMBER: US/10/659,004

; CURRENT FILING DATE: 2003-09-09

; PRIOR APPLICATION NUMBER: 60/295,607

; PRIOR FILING DATE: 2001-06-04

; PRIOR APPLICATION NUMBER: 60/295,661

; PRIOR FILING DATE: 2001-06-04

; PRIOR APPLICATION NUMBER: 60/296,404

; PRIOR FILING DATE: 2001-06-06

; PRIOR APPLICATION NUMBER: 60/296,418

; PRIOR FILING DATE: 2001-06-06

; PRIOR APPLICATION NUMBER: 60/297,414

; PRIOR FILING DATE: 2001-06-11

; PRIOR APPLICATION NUMBER: 60/297,567

; PRIOR FILING DATE: 2001-06-12

; PRIOR APPLICATION NUMBER: 60/298,285

; PRIOR FILING DATE: 2001-06-14

; PRIOR APPLICATION NUMBER: 60/298,556

; PRIOR FILING DATE: 2001-06-15

; PRIOR APPLICATION NUMBER: 60/299,949

; PRIOR FILING DATE: 2001-06-21

; PRIOR APPLICATION NUMBER: 60/300,883

; PRIOR FILING DATE: 2001-06-26

; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 187
; SOFTWARE: CuraseqList version 0.1

; SEQ ID NO 52

; LENGTH: 125

; TYPE: PRT

; ORGANISM: Homo sapiens

US-10-659-004-52

Query Match 100.0%; Score 86; DB 5; Length 125;
Best Local Similarity 100.0%; Pred. No. 1.1e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQOQTEAH 16
| | | | | | | | | | | | | | | |
Db 17 RQRYLYTDDAQOQTEAH 32

RESULT 6

US-09-901-938-33
; Sequence 33, Application US/09901938
; Patent No. US20020156001A1

; GENERAL INFORMATION:

; APPLICANT: ECONS, Michael

; APPLICANT: WHITE, Kenneth

APPLICANT: STROM, Tim
APPLICANT: MEITINGER, Thomas
TITLE OF INVENTION: NOVEL FIBROBLAST GROWTH FACTOR (FGF23) AND METHODS FOR USE
FILE REFERENCE: 053884-5001
CURRENT APPLICATION NUMBER: US/09/901,938
CURRENT FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/219,137
PRIOR FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.0
SEQ ID NO 33
LENGTH: 136
TYPE: PRT
ORGANISM: Homo Sapiens
US-09-901-938-33

Query Match 100.0%; Score 86; DB 3; Length 136;
Best Local Similarity 100.0%; Pred. No. 1.2e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RORYLYTDDAQOQTEAH 16
Db 7 RORYLYTDDAQOQTEAH 22

RESULT 7
US-10-379-334-33
Sequence 33, Application US/10379334
Publication No. US20030181379A1
GENERAL INFORMATION:
APPLICANT: ECONS, Michael
APPLICANT: WHITE, Kenneth
APPLICANT: STROM, Tim
APPLICANT: MEITINGER, Thomas
TITLE OF INVENTION: NOVEL FIBROBLAST GROWTH FACTOR (FGF23) AND METHODS FOR USE
CURRENT APPLICATION NUMBER: US/10/379,334
CURRENT FILING DATE: 2003-03-04
PRIOR APPLICATION NUMBER: US/09/901,938
PRIOR FILING DATE: 2001-07-10
PRIOR APPLICATION NUMBER: 60/219,137
PRIOR FILING DATE: 2000-07-19
NUMBER OF SEQ ID NOS: 34
SOFTWARE: PatentIn version 3.0
SEQ ID NO 33
LENGTH: 136
TYPE: PRT
ORGANISM: Homo Sapiens
US-10-379-334-33

Query Match 100.0%; Score 86; DB 4; Length 136;
Best Local Similarity 100.0%; Pred. No. 1.2e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RORYLYTDDAQOQTEAH 16
Db 7 RORYLYTDDAQOQTEAH 22

RESULT 8
US-10-659-004-54
Sequence 54, Application US/10659004
Publication No. US20050048507A1
GENERAL INFORMATION:
APPLICANT: Zhong et al.
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
FILE REFERENCE: 21402-608
CURRENT APPLICATION NUMBER: US/10/659,004
CURRENT FILING DATE: 2003-09-09
PRIOR APPLICATION NUMBER: 60/295,607
PRIOR FILING DATE: 2001-06-04
PRIOR APPLICATION NUMBER: 60/295,661
PRIOR FILING DATE: 2001-06-04

PRIOR APPLICATION NUMBER: 60/296,404
PRIOR FILING DATE: 2001-06-06
PRIOR APPLICATION NUMBER: 60/296,418
PRIOR FILING DATE: 2001-06-06
PRIOR APPLICATION NUMBER: 60/297,414
PRIOR FILING DATE: 2001-06-11
PRIOR APPLICATION NUMBER: 60/297,567
PRIOR FILING DATE: 2001-06-12
PRIOR APPLICATION NUMBER: 60/298,285
PRIOR FILING DATE: 2001-06-14
PRIOR APPLICATION NUMBER: 60/298,556
PRIOR FILING DATE: 2001-06-15
PRIOR APPLICATION NUMBER: 60/299,949
PRIOR FILING DATE: 2001-06-21
PRIOR APPLICATION NUMBER: 60/300,883
PRIOR FILING DATE: 2001-06-26
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 187
SOFTWARE: Curaseq1 version 0.1
SEQ ID NO 54
LENGTH: 183
TYPE: PRT
ORGANISM: Homo sapiens
US-10-659-004-54

Query Match 100.0%; Score 86; DB 5; Length 183;
Best Local Similarity 100.0%; Pred. No. 1.6e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RORYLYTDDAQOQTEAH 16
Db 17 RORYLYTDDAQOQTEAH 32

RESULT 9
US-09-755-695-2
Sequence 2, Application US/09755695
Patent No. US20020881663A1
GENERAL INFORMATION:
APPLICANT: Conklin, Darrell C.
APPLICANT: Chen, Zhi
TITLE OF INVENTION: NOVEL FGF HOMOLOG ZFGF11
FILE REFERENCE: 00-03
CURRENT APPLICATION NUMBER: US/09/755,695
CURRENT FILING DATE: 2001-05-11
PRIOR APPLICATION NUMBER: US 60/174,526
PRIOR FILING DATE: 2000-01-05
NUMBER OF SEQ ID NOS: 6
SOFTWARE: FastSeq for Windows Version 4.0
SEQ ID NO 2
LENGTH: 208
TYPE: PRT
ORGANISM: Homo sapiens
US-09-755-695-2

Query Match 100.0%; Score 86; DB 3; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 1 RORYLYTDDAQOQTEAH 16
Db 44 RORYLYTDDAQOQTEAH 59

RESULT 10
US-10-227-884-78
Sequence 78, Application US/10227884
Publication No. US20030027988A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Desnoyers, Luc
APPLICANT: Gerritsen, Mary
APPLICANT: Goddard, Audrey

APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gunney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Stephan, Jean-Philippe F.
APPLICANT: Watanabe, Colin L.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
TITLE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3530PIC79
CURRENT APPLICATION NUMBER: US/10/227,884
CURRENT FILING DATE: 2002-08-26
PRIOR FILING DATE: 2002-04-09
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063549
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/064103
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/069873
PRIOR FILING DATE: 1997-12-17
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/086392
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089538
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089905
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/090472
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090557
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090691
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090695
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/095302
PRIOR FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: 60/095318
PRIOR FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: 60/095916
PRIOR FILING DATE: 1998-08-10
PRIOR APPLICATION NUMBER: 60/096146
PRIOR FILING DATE: 1998-08-11
PRIOR APPLICATION NUMBER: 60/096791
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 60/097986
PRIOR FILING DATE: 1998-08-26
PRIOR APPLICATION NUMBER: 60/098544
PRIOR FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099803
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099811
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099812
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099816
PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/100038
PRIOR FILING DATE: 1998-09-11
PRIOR APPLICATION NUMBER: 60/100385
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100390
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100627
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100848
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100919
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/101477
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101738
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101741
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101786
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: 60/101916
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101922
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/106178
PRIOR FILING DATE: 1998-10-28
PRIOR APPLICATION NUMBER: 60/106248
PRIOR FILING DATE: 1998-10-29
PRIOR APPLICATION NUMBER: 60/106464
PRIOR FILING DATE: 1998-10-30
PRIOR APPLICATION NUMBER: 60/106905
PRIOR FILING DATE: 1998-11-03
PRIOR APPLICATION NUMBER: 60/108787
PRIOR FILING DATE: 1998-11-17
PRIOR APPLICATION NUMBER: 60/108801
PRIOR FILING DATE: 1998-11-17
PRIOR APPLICATION NUMBER: 60/108849
PRIOR FILING DATE: 1998-11-18
PRIOR APPLICATION NUMBER: 60/112422
PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: 60/113296
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/113605
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113621
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/115558
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/115565
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/115733
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/119549
PRIOR FILING DATE: 1999-02-10
PRIOR APPLICATION NUMBER: 60/123618
PRIOR FILING DATE: 1999-03-10
PRIOR APPLICATION NUMBER: 60/125259
PRIOR FILING DATE: 1999-03-19

PRIOR APPLICATION NUMBER: 60/125775
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/126773
PRIOR FILING DATE: 1999-03-29
PRIOR APPLICATION NUMBER: 60/127887
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 60/130232
PRIOR FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: 60/131022
PRIOR FILING DATE: 1999-04-26
PRIOR APPLICATION NUMBER: 60/131270
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131291
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131445
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 60/134287
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 60/140650
PRIOR FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: 60/140723
PRIOR FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: 60/141037
PRIOR FILING DATE: 1999-06-23
PRIOR APPLICATION NUMBER: 60/144758
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/145698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: 60/146222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: 60/146963
PRIOR FILING DATE: 1999-08-03
PRIOR APPLICATION NUMBER: 60/149320
PRIOR FILING DATE: 1999-08-17
PRIOR APPLICATION NUMBER: 60/149638
PRIOR FILING DATE: 1999-08-17
PRIOR APPLICATION NUMBER: 60/151733
PRIOR FILING DATE: 1999-08-31
PRIOR APPLICATION NUMBER: 60/164418
PRIOR FILING DATE: 1999-11-09
PRIOR APPLICATION NUMBER: 60/166361
PRIOR FILING DATE: 1999-11-16
PRIOR APPLICATION NUMBER: 60/169445
PRIOR FILING DATE: 1999-12-07
PRIOR APPLICATION NUMBER: 60/169495
PRIOR FILING DATE: 1999-12-07
PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 86; DB 4; Length 208;

Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQOTEAH 16

Db 44 RQRYLYTDDAQOTEAH 59

RESULT 11

US-10-230-163-78
Sequence 78, Application US/10230163
Publication No. US20030036635A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Desnoyers, Luc
APPLICANT: Gerritsen, Mary
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Stephan, Jean-Philippe F.
APPLICANT: Watanabe, Colin L.
APPLICANT: Wood, William I.

TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3530F1C96
CURRENT APPLICATION NUMBER: US/10/230,163
CURRENT FILING DATE: 2002-08-28
PRIOR APPLICATION NUMBER: 10/119,480
PRIOR FILING DATE: 2002-04-09
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063549
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/064103
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/069873
PRIOR FILING DATE: 1997-12-17
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/081819
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/081955
PRIOR FILING DATE: 1998-04-15
PRIOR APPLICATION NUMBER: 60/082804
PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/085323
PRIOR FILING DATE: 1998-05-13
PRIOR APPLICATION NUMBER: 60/085579
PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/086392
PRIOR FILING DATE: 1998-05-22
PRIOR APPLICATION NUMBER: 60/089532
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089538
PRIOR FILING DATE: 1998-06-17
PRIOR APPLICATION NUMBER: 60/089905
PRIOR FILING DATE: 1998-06-18
PRIOR APPLICATION NUMBER: 60/090472
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090557
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090691
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090695
PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/095302
PRIOR FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: 60/095318
PRIOR FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: 60/095916
PRIOR FILING DATE: 1998-08-10
PRIOR APPLICATION NUMBER: 60/096146
PRIOR FILING DATE: 1998-08-11
PRIOR APPLICATION NUMBER: 60/096791
PRIOR FILING DATE: 1998-08-17
PRIOR APPLICATION NUMBER: 60/097986
PRIOR FILING DATE: 1998-08-26
PRIOR APPLICATION NUMBER: 60/098544
PRIOR FILING DATE: 1998-08-31
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09

;; PRIOR APPLICATION NUMBER: 60/099803
;; PRIOR FILING DATE: 1998-09-10
;; PRIOR APPLICATION NUMBER: 60/099811
;; PRIOR FILING DATE: 1998-09-10
;; PRIOR APPLICATION NUMBER: 60/099812
;; PRIOR FILING DATE: 1998-09-10
;; PRIOR APPLICATION NUMBER: 60/099816
;; PRIOR FILING DATE: 1998-09-10
;; PRIOR APPLICATION NUMBER: 60/100038
;; PRIOR FILING DATE: 1998-09-11
;; PRIOR APPLICATION NUMBER: 60/100385
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;; PRIOR APPLICATION NUMBER: 60/100390
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;; PRIOR APPLICATION NUMBER: 60/100627
;; PRIOR FILING DATE: 1998-09-16
;; PRIOR APPLICATION NUMBER: 60/100848
;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/100919
;; PRIOR FILING DATE: 1998-09-17
;; PRIOR APPLICATION NUMBER: 60/101477
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 60/101738
;; PRIOR FILING DATE: 1998-09-24
;; PRIOR APPLICATION NUMBER: 60/101741
;; PRIOR FILING DATE: 1998-09-24
;; PRIOR APPLICATION NUMBER: 60/101786
;; PRIOR FILING DATE: 1998-09-25
;; PRIOR APPLICATION NUMBER: 60/101916
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;; PRIOR APPLICATION NUMBER: 60/108787
;; PRIOR FILING DATE: 1998-11-17
;; PRIOR APPLICATION NUMBER: 60/108801
;; PRIOR FILING DATE: 1998-11-17
;; PRIOR APPLICATION NUMBER: 60/108849
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;; PRIOR FILING DATE: 1999-01-12
;; PRIOR APPLICATION NUMBER: 60/115733
;; PRIOR FILING DATE: 1999-01-12
;; PRIOR APPLICATION NUMBER: 60/119549
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;; PRIOR APPLICATION NUMBER: 60/123618
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;; PRIOR APPLICATION NUMBER: 60/125259
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;; PRIOR APPLICATION NUMBER: 60/125775
;; PRIOR FILING DATE: 1999-03-23
;; PRIOR APPLICATION NUMBER: 60/126773
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;; PRIOR APPLICATION NUMBER: 60/127887
;; PRIOR FILING DATE: 1999-04-05
;; PRIOR APPLICATION NUMBER: 60/130232

;; PRIOR FILING DATE: 1999-04-21
;; PRIOR APPLICATION NUMBER: 60/131022
;; PRIOR FILING DATE: 1999-04-26
;; PRIOR APPLICATION NUMBER: 60/131270
;; PRIOR FILING DATE: 1999-04-27
;; PRIOR APPLICATION NUMBER: 60/131291
;; PRIOR FILING DATE: 1999-04-27
;; PRIOR APPLICATION NUMBER: 60/131445
;; PRIOR FILING DATE: 1999-04-28
;; PRIOR APPLICATION NUMBER: 60/134287
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;; PRIOR FILING DATE: 1999-06-22
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;; PRIOR FILING DATE: 1999-06-23
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;; PRIOR APPLICATION NUMBER: 60/145698
;; PRIOR FILING DATE: 1999-07-26
;; PRIOR APPLICATION NUMBER: 60/146222
;; PRIOR FILING DATE: 1999-07-28
;; PRIOR APPLICATION NUMBER: 60/146963
;; PRIOR FILING DATE: 1999-08-03
;; PRIOR APPLICATION NUMBER: 60/149320
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;; PRIOR APPLICATION NUMBER: 60/149638
;; PRIOR FILING DATE: 1999-08-17
;; PRIOR APPLICATION NUMBER: 60/151733
;; PRIOR FILING DATE: 1999-08-31
;; PRIOR APPLICATION NUMBER: 60/164418
;; PRIOR FILING DATE: 1999-11-09
;; PRIOR APPLICATION NUMBER: 60/166361
;; PRIOR FILING DATE: 1999-11-16
;; PRIOR APPLICATION NUMBER: 60/169445
;; PRIOR FILING DATE: 1999-12-07
;; PRIOR APPLICATION NUMBER: 60/169495
;; PRIOR FILING DATE: 1999-12-07
;; PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 86; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQTEAH 16
|||||||
Db 44 RQRYLYTDDAQTEAH 59

RESULT 12

US-10-230-338-78
; Sequence 78, Application US/10230338
; Publication No. US20030044934M1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe P.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC92
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09

;; PRIOR APPLICATION NUMBER: 60/059113
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/062287
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/063549
;; PRIOR FILING DATE: 1997-10-28
;; PRIOR APPLICATION NUMBER: 60/064103
;; PRIOR FILING DATE: 1997-10-31
;; PRIOR APPLICATION NUMBER: 60/069873
;; PRIOR FILING DATE: 1997-12-17
;; PRIOR APPLICATION NUMBER: 60/078910
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/079294
;; PRIOR FILING DATE: 1998-03-25
;; PRIOR APPLICATION NUMBER: 60/079656
;; PRIOR FILING DATE: 1998-03-26
;; PRIOR APPLICATION NUMBER: 60/079728
;; PRIOR FILING DATE: 1998-03-27
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 246
;; SEQ ID NO 78
;; LENGTH: 208
;; TYPE: PRT
;; ORGANISM: Homo Sapien
US-10-230-338-78

Query Match 100.0%; Score 86; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQOQTEAH 16
DB 44 RQRYLYTDDAQOQTEAH 59

RESULT 13
US-10-218-631-78
;; Sequence 78, Application US/10218631
;; Publication No. US20030045687A1
;; GENERAL INFORMATION:
;; APPLICANT: Baker, Kevin P.
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Gerritsen, Mary
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, J. Christopher
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Smith, Victoria
;; APPLICANT: Stephan, Jean-Philippe F.
;; APPLICANT: Watanabe, Colin L.
;; APPLICANT: Wood, William I.
;; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;; FILE REFERENCE: P3530P1C14
;; CURRENT APPLICATION NUMBER: US/10/218,631
;; PRIOR FILING DATE: 2002-08-12
;; PRIOR APPLICATION NUMBER: 10/119,480
;; PRIOR FILING DATE: 2002-04-09
;; PRIOR APPLICATION NUMBER: 60/059113
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/062287
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/063549
;; PRIOR FILING DATE: 1997-10-28
;; PRIOR APPLICATION NUMBER: 60/064103
;; PRIOR FILING DATE: 1997-10-31
;; PRIOR APPLICATION NUMBER: 60/069873
;; PRIOR FILING DATE: 1997-12-17
;; PRIOR APPLICATION NUMBER: 60/078910
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/079294
;; PRIOR FILING DATE: 1998-03-25
;; PRIOR APPLICATION NUMBER: 60/079656
;; PRIOR FILING DATE: 1998-03-26
;; PRIOR APPLICATION NUMBER: 60/079728
;; PRIOR FILING DATE: 1998-03-27
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 246
;; SEQ ID NO 78
;; LENGTH: 208
;; TYPE: PRT
;; ORGANISM: Homo Sapien
US-10-230-338-78

;; PRIOR FILING DATE: 1998-03-26
;; PRIOR APPLICATION NUMBER: 60/079728
;; PRIOR FILING DATE: 1998-03-27
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 246
;; SEQ ID NO 78
;; LENGTH: 208
;; TYPE: PRT
;; ORGANISM: Homo Sapien
US-10-218-631-78

Query Match 100.0%; Score 86; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQOQTEAH 16
DB 44 RQRYLYTDDAQOQTEAH 59

RESULT 14
US-10-230-414-78
;; Sequence 78, Application US/10230414
;; Publication No. US20030050448A1
;; GENERAL INFORMATION:
;; APPLICANT: Baker, Kevin P.
;; APPLICANT: Desnoyers, Luc
;; APPLICANT: Gerritsen, Mary
;; APPLICANT: Goddard, Audrey
;; APPLICANT: Godowski, Paul J.
;; APPLICANT: Grimaldi, J. Christopher
;; APPLICANT: Gurney, Austin L.
;; APPLICANT: Smith, Victoria
;; APPLICANT: Stephan, Jean-Philippe F.
;; APPLICANT: Watanabe, Colin L.
;; APPLICANT: Wood, William I.
;; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
;; FILE REFERENCE: P3530P1C98
;; CURRENT APPLICATION NUMBER: US/10/230,414
;; PRIOR FILING DATE: 2002-08-28
;; PRIOR APPLICATION NUMBER: 10/119,480
;; PRIOR FILING DATE: 2002-04-09
;; PRIOR APPLICATION NUMBER: 60/059113
;; PRIOR FILING DATE: 1997-09-17
;; PRIOR APPLICATION NUMBER: 60/062287
;; PRIOR FILING DATE: 1997-10-17
;; PRIOR APPLICATION NUMBER: 60/063549
;; PRIOR FILING DATE: 1997-10-28
;; PRIOR APPLICATION NUMBER: 60/064103
;; PRIOR FILING DATE: 1997-10-31
;; PRIOR APPLICATION NUMBER: 60/069873
;; PRIOR FILING DATE: 1997-12-17
;; PRIOR APPLICATION NUMBER: 60/078910
;; PRIOR FILING DATE: 1998-03-20
;; PRIOR APPLICATION NUMBER: 60/079294
;; PRIOR FILING DATE: 1998-03-25
;; PRIOR APPLICATION NUMBER: 60/079656
;; PRIOR FILING DATE: 1998-03-26
;; PRIOR APPLICATION NUMBER: 60/079728
;; PRIOR FILING DATE: 1998-03-27
;; Remaining Prior Application data removed - See File Wrapper or PALM.
;; NUMBER OF SEQ ID NOS: 246
;; SEQ ID NO 78
;; LENGTH: 208
;; TYPE: PRT
;; ORGANISM: Homo Sapien
US-10-230-414-78

Query Match 100.0%; Score 86; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;


```
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-218-849-78

Query Match      100.0%; Score 86; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RORYLYTDDAQOQTEAH 16
Db 44 RORYLYTDDAQOQTEAH 59

RESULT 18
US-10-227-873-78
; Sequence 78, Application US/10227873
; Publication No. US20030073816A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3530P1C72
; CURRENT APPLICATION NUMBER: US/10/227,873
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
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; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086392
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089905
; PRIOR FILING DATE: 1998-11-03
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; PRIOR FILING DATE: 1998-11-17
; PRIOR APPLICATION NUMBER: 60/108801
; PRIOR FILING DATE: 1998-11-17
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; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090691
; PRIOR FILING DATE: 1998-06-25
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;; PRIOR FILING DATE: 1999-12-07
;; PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 86; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQOTEAH 16
DB 44 RQRYLYTDDAQOTEAH 59

RESULT 19

US-10-227-883-78
; Sequence 78, Application US/10227883
; Publication No. US20030073817A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Geritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C78
; CURRENT APPLICATION NUMBER: US/10/227,883
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
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Query Match 100.0%; Score 86; DB 4; Length:208;
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Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

OY 1 RQRYLYTDDAQOTEAH 16
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Db 44 RQRYLYTDDAQOTEAH 59

US-10-219-076-78
; Sequence 78, Application US/10219076
; Publication No. US20030078379A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1G62
; CURRENT APPLICATION NUMBER: US/10/219,076
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
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; PRIOR FILING DATE: 1998-09-09

US-10-219-076-78
; Sequence 78, Application US/10219076
; Publication No. US20030078379A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1G62
; CURRENT APPLICATION NUMBER: US/10/219,076
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
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; PRIOR FILING DATE: 1998-09-09

Query Match 100.0%; Score 86; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 RORYLYTDDAQQTAEH 16
Db 44 RORYLYTDDAQQTAEH 59

RESULT 21
US-10-230-434-78
; Sequence 78, Application US/10230434
; Publication No. US20030078380A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.

PRIOR APPLICATION NUMBER: 60/099803
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PRIOR FILING DATE: 1998-09-24
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PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/106178
PRIOR FILING DATE: 1998-10-28
PRIOR APPLICATION NUMBER: 60/106248
PRIOR FILING DATE: 1998-10-29
PRIOR APPLICATION NUMBER: 60/106464
PRIOR FILING DATE: 1998-10-30
PRIOR APPLICATION NUMBER: 60/106905
PRIOR FILING DATE: 1998-11-03
PRIOR APPLICATION NUMBER: 60/108787
PRIOR FILING DATE: 1998-11-17
PRIOR APPLICATION NUMBER: 60/108901
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PRIOR FILING DATE: 1998-11-18
PRIOR APPLICATION NUMBER: 60/112422
PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: 60/113296
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/113605
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113621
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/115558
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/115565
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/115733
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/119549
PRIOR FILING DATE: 1999-02-10
PRIOR APPLICATION NUMBER: 60/123618
PRIOR FILING DATE: 1999-03-10
PRIOR APPLICATION NUMBER: 60/125259
PRIOR FILING DATE: 1999-03-19
PRIOR APPLICATION NUMBER: 60/125775
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/126773
PRIOR FILING DATE: 1999-03-29
PRIOR APPLICATION NUMBER: 60/127887
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 60/130232

PRIOR FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: 60/131022
PRIOR FILING DATE: 1999-04-26
PRIOR APPLICATION NUMBER: 60/131270
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131291
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131445
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 60/134287
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 60/140650
PRIOR FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: 60/140723
PRIOR FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: 60/141037
PRIOR FILING DATE: 1999-06-23
PRIOR APPLICATION NUMBER: 60/144758
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/145698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: 60/146222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: 60/146963
PRIOR FILING DATE: 1999-08-03
PRIOR APPLICATION NUMBER: 60/149320
PRIOR FILING DATE: 1999-08-17
PRIOR APPLICATION NUMBER: 60/149638
PRIOR FILING DATE: 1999-08-17
PRIOR APPLICATION NUMBER: 60/151733
PRIOR FILING DATE: 1999-08-31
PRIOR APPLICATION NUMBER: 60/164418
PRIOR FILING DATE: 1999-11-09
PRIOR APPLICATION NUMBER: 60/166361
PRIOR FILING DATE: 1999-11-16
PRIOR APPLICATION NUMBER: 60/169445
PRIOR FILING DATE: 1999-12-07
PRIOR APPLICATION NUMBER: 60/169495
PRIOR FILING DATE: 1999-12-07
PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 86; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQQTAAH 16
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DB 44 RQRYLYTDDAQQTAAH 59

RESULT 22

US-10-219-003-78
Sequence 78, Application US/10219003
Publication No. US20030088063A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Deanovers, Luc
APPLICANT: Gerritsen, Mary
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Stephan, Jean-Philippe F.
APPLICANT: Watanabe, Colin L.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE OF INVENTION: ACIDS ENCODING THE SAME
FILE REFERENCE: P3530P1C12
CURRENT APPLICATION NUMBER: US/10/219,003
CURRENT FILING DATE: 2002-08-12
PRIOR APPLICATION NUMBER: 10/119,480
PRIOR FILING DATE: 2002-04-09

PRIOR APPLICATION NUMBER: 60/0591113	PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/0622287	PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063549	PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/064103	PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/068773	PRIOR FILING DATE: 1997-12-17
PRIOR APPLICATION NUMBER: 60/078910	PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294	PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656	PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079728	PRIOR FILING DATE: 1998-03-27
PRIOR APPLICATION NUMBER: 60/081819	PRIOR FILING DATE: 1998-04-15
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PRIOR APPLICATION NUMBER: 60/084441	PRIOR FILING DATE: 1998-05-06
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PRIOR APPLICATION NUMBER: 60/090472	PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090557	PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090691	PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090695	PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/091982	PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/095302	PRIOR FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: 60/095318	PRIOR FILING DATE: 1998-08-04
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PRIOR APPLICATION NUMBER: 60/099803	PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099811	PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099812	PRIOR FILING DATE: 1998-09-10
PRIOR APPLICATION NUMBER: 60/099816	PRIOR FILING DATE: 1998-09-10

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; PRIOR APPLICATION NUMBER: 60/131445
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; PRIOR FILING DATE: 1999-05-14
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; PRIOR APPLICATION NUMBER: 60/144758
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/145698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: 60/146222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: 60/146963
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; PRIOR APPLICATION NUMBER: 60/169835
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Query Match      100.0%; Score 86; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db      44 RQRYLYTDDAQOTEAH 59
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RESULT 23

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US-10-219-075-78
; Sequence 78, Application US/10219075
; Publication No. US20030088064A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC61
; CURRENT APPLICATION NUMBER: US/10/219,075
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
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; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 78
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-075-78
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Query Match      100.0%; Score 86; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 RQRYLYTDDAQOTEAH 16
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Db      44 RQRYLYTDDAQOTEAH 59
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RESULT 24

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US-10-219-464-78
; Sequence 78, Application US/10219464
; Publication No. US20030088065A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC57
; CURRENT APPLICATION NUMBER: US/10/219,464
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 78
; LENGTH: 208
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; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-464-78

Query Match      100.0%; Score 86; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RORYLYTDDAQOTEAH 16
Db      44 RORYLYTDDAQOTEAH 59

RESULT 25
US-10-219-466-78
; Sequence 78, Application US/10219466
; Publication No. US20030088066A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Deshoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC47
; CURRENT APPLICATION NUMBER: US/10/219,466
; CURRENT FILING DATE: 2002-08-13
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 78
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-466-78

Query Match      100.0%; Score 86; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 1.8e-06;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 RORYLYTDDAQOTEAH 16
Db      44 RORYLYTDDAQOTEAH 59
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GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: January 13, 2006, 17:22:19 ; Search time 5.67742 Seconds
(without alignments)
26.644 Million cell updates/sec

Title: US-10-060-765-7

Perfect score: 86

Sequence: 1 RQRYLYTDDAQTEAH 16

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 67062 seqs, 9454214 residues

Total number of hits satisfying chosen parameters: 67062

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA New.*

1: /cgn2_6/prodata/2/pubpa/US08_NEW_PUB.pap.*
2: /cgn2_6/prodata/2/pubpa/US06_NEW_PUB.pap.*
3: /cgn2_6/prodata/2/pubpa/US07_NEW_PUB.pap.*
4: /cgn2_6/prodata/2/pubpa/PCR_NEW_PUB.pap.*
5: /cgn2_6/prodata/2/pubpa/US09_NEW_PUB.pap.*
6: /cgn2_6/prodata/2/pubpa/US10_NEW_PUB.pap.*
7: /cgn2_6/prodata/2/pubpa/US11_NEW_PUB.pap.*
8: /cgn2_6/prodata/2/pubpa/US60_NEW_PUB.pap.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	41	47.7	415	6	US-10-467-657-4480
2	39	45.3	373	7	US-11-082-389-258
3	38	44.2	301	6	US-10-793-626-1396
4	37	43.0	219	6	US-10-793-626-2206
5	37	43.0	605	7	US-11-127-877-71
6	37	43.0	769	6	US-10-485-517-401
7	36	41.9	690	6	US-10-467-657-4758
8	35	40.7	130	6	US-10-793-626-2582
9	35	40.7	339	6	US-10-467-657-3018
10	35	40.7	829	7	US-11-194-246-296
11	35	40.7	1476	6	US-10-647-956A-4
12	34	39.5	158	6	US-10-793-626-2650
13	34	39.5	195	7	US-11-052-554A-361
14	34	39.5	308	6	US-10-793-626-578
15	34	39.5	412	6	US-10-485-517-204
16	34	39.5	710	7	US-11-151-601-23
17	34	39.5	1059	6	US-10-055-877-138
18	34	39.5	2902	7	US-11-052-554A-91
19	33	38.4	32	6	US-10-467-657-1306
20	33	38.4	163	6	US-10-467-657-8522
21	33	38.4	234	6	US-10-467-657-2238
22	33	38.4	242	6	US-10-454-437-92
23	33	38.4	267	6	US-10-454-437-90
24	33	38.4	279	6	US-10-467-657-4762
25	33	38.4	279	6	US-10-467-657-7236

ALIGNMENTS

RESULT 1

US-10-467-657-4480 307 6 US-10-467-657-2792, Ap
; Sequence 4480, Application US/10467657 Sequence 6738, Ap
; Publication No. US20050260581A1 Sequence 2250, Ap
; GENERAL INFORMATION: Sequence 6552, Ap
; APPLICANT: CHIRON SPA Sequence 22, Appl
; APPLICANT: FONTANA Maria Rita Sequence 22, Appl
; APPLICANT: PIZZA Mariagrazia Sequence 677, App
; APPLICANT: MASNANI Vega Sequence 14, Appl
; APPLICANT: MONACI Elisabetta Sequence 802, App
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS Sequence 777, App
; FILE REFERENCE: Sequence 774, App
; CURRENT APPLICATION NUMBER: US/10/467,657 Sequence 779, App
; CURRENT FILING DATE: 2003-08-11 Sequence 775, App
; PRIOR APPLICATION NUMBER: GB-0103424.8 Sequence 191, App
; PRIOR FILING DATE: 2001-02-12 Sequence 345, App
; NUMBER OF SEQ ID NOS: 9218 Sequence 6302, Ap
; SOFTWARE: Seqwin99, version 1.04 Sequence 6506, Ap
; SEQ ID NO 4480 Sequence 772, App
; LENGTH: 415
; TYPE: PRT
; ORGANISM: Neisseria gonorrhoeae

Query Match 47.7%; Score 41; DB 6; Length 415;
Best Local Similarity 61.5%; Pred. No. 5.7;
Matches 8; Conservative 1; Mismatches 4; Indels 0; Gaps 0;

QY 4 YLYTDDAQTEAH 16
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Db 82 YLYTDDAQTEVRH 94

RESULT 2

US-11-082-389-258
; Sequence 258, Application US/11082389 Sequence 2792, Ap
; Publication No. US20050244935A1 Sequence 6738, Ap
; GENERAL INFORMATION: Sequence 2250, Ap
; APPLICANT: Pompejus, Markus Sequence 6552, Ap
; APPLICANT: Kroger, Burkhard Sequence 22, Appl
; APPLICANT: Schroder, Hartwig Sequence 22, Appl
; APPLICANT: Zelder, Oskar Sequence 677, App
; APPLICANT: Haberhauser, Gregor Sequence 14, Appl
; TITLE OF INVENTION: CORYNEBACTERIUM GLUTAMICUM GENES ENCODING PROTEINS Sequence 802, App
; TITLE OF INVENTION: INVOLVED IN MEMBRANE SYNTHESIS AND MEMBRANE Sequence 777, App
; TITLE OF INVENTION: TRANSPORT Sequence 774, App
; FILE REFERENCE: BGI-131CPCN Sequence 779, App
; CURRENT APPLICATION NUMBER: US/11/082,389 Sequence 775, App

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; CURRENT FILING DATE: 2005-03-16
; PRIOR APPLICATION NUMBER: US 09/603024
; PRIOR FILING DATE: 2000-06-23
; PRIOR APPLICATION NUMBER: US 60/141031
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: US 60/143262
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: US 60/151281
; PRIOR FILING DATE: 1999-08-27
; PRIOR APPLICATION NUMBER: DE 19930487.4
; PRIOR FILING DATE: 1999-07-01
; PRIOR APPLICATION NUMBER: DE 19930489.0
; PRIOR FILING DATE: 1999-07-01
; PRIOR APPLICATION NUMBER: DE 19931549.3
; PRIOR FILING DATE: 1999-07-08
; PRIOR APPLICATION NUMBER: DE 19931550.7
; PRIOR FILING DATE: 1999-07-08
; PRIOR APPLICATION NUMBER: DE 19932134.5
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19941379.7
; PRIOR FILING DATE: 1999-08-31
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 446
; SEQ ID NO 258
; LENGTH: 373
; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-11-082-389-258

Query Match 45.3%; Score 39; DB 7; Length 373;
Best Local Similarity 63.8%; Pred. No. 11;
Matches 7; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 5 LYTDAAQTEA 15
DB 311 LYADDSQETAA 321

RESULT 3
US-10-793-626-1396
; Sequence 1396, Application US/10793626
; Publication No. US20050255478A1
; GENERAL INFORMATION:
; APPLICANT: KIMMERLY, WILLIAM JOHN
; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
; FILE REFERENCE: PU3480US
; CURRENT APPLICATION NUMBER: US/10/793,626
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: 60/164,258
; PRIOR FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 4472
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 1396
; LENGTH: 301
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: amino acid sequence
US-10-793-626-1396

Query Match 44.2%; Score 38; DB 6; Length 301;
Best Local Similarity 60.0%; Pred. No. 13;
Matches 6; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 7 TDDAQTEAH 16
DB 266 TDDTEXTKAH 275

RESULT 4
US-10-793-626-2206
; Sequence 2206, Application US/10793626
; Publication No. US20050255478A1
; GENERAL INFORMATION:
; APPLICANT: KIMMERLY, WILLIAM JOHN
; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
; FILE REFERENCE: PU3480US
; CURRENT APPLICATION NUMBER: US/10/793,626
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: 60/164,258
; PRIOR FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 4472
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2206
; LENGTH: 219
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: amino acid sequence
US-10-793-626-2206

Query Match 43.0%; Score 37; DB 6; Length 219;
Best Local Similarity 57.1%; Pred. No. 14;
Matches 8; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 1 RQVLYTDDAQTE 14
DB 175 RQVLYHEDATLINE 188

RESULT 5
US-11-127-877-71
; Sequence 71, Application US/11127877
; Publication No. US20050287565A1
; GENERAL INFORMATION:
; APPLICANT: Merchiers, Pascal G.
; APPLICANT: Hoffmann, Marcel
; APPLICANT: Spittaels, Koenraad F. F.
; APPLICANT: Laenen, Wendy
; TITLE OF INVENTION: Methods, Compositions and Compound Assays For Inhibiting
; FILE REFERENCE: P27,800-B USA
; CURRENT APPLICATION NUMBER: US/11/127,877
; CURRENT FILING DATE: 2005-05-12
; PRIOR APPLICATION NUMBER: 60/570,352
; PRIOR FILING DATE: 2004-05-12
; PRIOR APPLICATION NUMBER: 60/603,948
; PRIOR FILING DATE: 2004-08-24
; NUMBER OF SEQ ID NOS: 590
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 71
; LENGTH: 605
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-127-877-71

Query Match 43.0%; Score 37; DB 7; Length 605;
Best Local Similarity 54.5%; Pred. No. 42;
Matches 6; Conservative 3; Mismatches 2; Indels 0; Gaps 0;

QY 6 YTDDAQTEAH 16
DB 11 YTESARYTDAH 21

RESULT 6
US-10-485-517-401
; Sequence 401, Application US/10485517
; Publication No. US20050256299A1
; GENERAL INFORMATION:
; APPLICANT: University of Sheffield
; APPLICANT: Biosynexus Incorporated
; APPLICANT: Foster, Simon
; APPLICANT: Mond, James

```

; TITLE OF INVENTION: Antigenic Polypeptides
; FILE REFERENCE: P100629NO
; CURRENT APPLICATION NUMBER: US/10/485,517
; CURRENT FILING DATE: 2004-02-02
; PRIOR APPLICATION NUMBER: GB 0118825.9
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: GB 0200349.9
; PRIOR FILING DATE: 2002-01-09
; NUMBER OF SEQ ID NOS: 424
; SOFTWARE: Patentin version 3.1
; SEQ ID NO 401
; LENGTH: 769
; TYPE: PRT
; ORGANISM: Staphylococcus epidermidis
US-10-485-517-401

Query Match 43.0%; Score 37; DB 6; Length 769;
Best Local Similarity 43.8%; Pred. No. 55;
Matches 7; Conservative 4; Mismatches 5; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQOTEAH 16
Db 63 KQSLSTDDANQQTN 78

RESULT 7
US-10-467-657-4758
; Sequence 4758, Application US/10467657
; Publication No. US20050260581A1
; GENERAL INFORMATION:
; APPLICANT: CHIRON SPA
; APPLICANT: FONTANA Maria Rita
; APPLICANT: PIZZA Mariagrazia
; APPLICANT: MASIGNANI Vega
; APPLICANT: MONACI Elisabetta
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/467,657
; CURRENT FILING DATE: 2003-08-11
; PRIOR APPLICATION NUMBER: GB-0103424.8
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 9218
; SOFTWARE: SeqWin99, version 1.04
; SEQ ID NO 4758
; LENGTH: 690
; TYPE: PRT
; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-4758

Query Match 41.9%; Score 36; DB 6; Length 690;
Best Local Similarity 53.8%; Pred. No. 73;
Matches 7; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 1 RQRYLYTDDAQOT 13
Db 224 RLRYLLVDECDT 236

RESULT 8
US-10-793-626-2582
; Sequence 2582, Application US/10793626
; Publication No. US20050255478A1
; GENERAL INFORMATION:
; APPLICANT: KIMMERLY, WILLIAM JOHN
; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
; FILE REFERENCE: PU3480US
; CURRENT APPLICATION NUMBER: US/10/793,626
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: 60/164,258
; PRIOR FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 4472
; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 2582

; LENGTH: 130
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
US-10-793-626-2582

Query Match 40.7%; Score 35; DB 6; Length 130;
Best Local Similarity 40.0%; Pred. No. 18;
Matches 6; Conservative 3; Mismatches 6; Indels 0; Gaps 0;

QY 2 QRYLYTDDAQOTEAH 16
Db 28 QRYTFHDLGEMDNH 42

RESULT 9
US-10-467-657-3018
; Sequence 3018, Application US/10467657
; Publication No. US20050260581A1
; GENERAL INFORMATION:
; APPLICANT: CHIRON SPA
; APPLICANT: FONTANA Maria Rita
; APPLICANT: PIZZA Mariagrazia
; APPLICANT: MASIGNANI Vega
; APPLICANT: MONACI Elisabetta
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/467,657
; CURRENT FILING DATE: 2003-08-11
; PRIOR APPLICATION NUMBER: GB-0103424.8
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 9218
; SOFTWARE: SeqWin99, version 1.04
; SEQ ID NO 3018
; LENGTH: 339
; TYPE: PRT
; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-3018

Query Match 40.7%; Score 35; DB 6; Length 339;
Best Local Similarity 46.2%; Pred. No. 50;
Matches 6; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 4 YLYTDDAQOTEAH 16
Db 210 YRYPDDTDPSEIH 222

RESULT 10
US-11-194-246-296
; Sequence 296, Application US/11194246
; Publication No. US20050272089A1
; GENERAL INFORMATION:
; APPLICANT: Mott, John
; APPLICANT: Trepo, Catherine
; APPLICANT: Arvidson, Staffan
; TITLE OF INVENTION: CRITICAL GENES AND POLYPEPTIDES OF HAEMOPHILUS INFLUENZAE AND ME
; TITLE OF INVENTION: USE
; FILE REFERENCE: 00592 US1 (M&R 268.05920101)
; CURRENT APPLICATION NUMBER: US/11/194,246
; CURRENT FILING DATE: 2005-08-01
; PRIOR APPLICATION NUMBER: US/10/274,586
; PRIOR FILING DATE: 2002-10-21
; PRIOR APPLICATION NUMBER: US 60/345,438
; PRIOR FILING DATE: 2001-10-19
; NUMBER OF SEQ ID NOS: 621
; SOFTWARE: Patentin version 3.0
; SEQ ID NO 296
; LENGTH: 829
; TYPE: PRT
; ORGANISM: HAEMOPHILUS INFLUENZAE

US-11-194-246-296

Query Match 40.7%; Score 35; DB 7; Length 829;
Best Local Similarity 53.3%; Pred. No. 1.3e+02;
Matches 8; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 1 RORYLYTDDAQOTEAH 15
DB 41 KRTVTDTIAQGEA 55

RESULT 11

US-10-647-956A-4
; Sequence 4, Application US/10647956A
; Publication No. US20050251878A1
; GENERAL INFORMATION:
; APPLICANT: firench-Constant, Richard
; APPLICANT: Bowen, David
; APPLICANT: Rocheleau, Thomas
; APPLICANT: Waterfield, Nicholas
; TITLE OF INVENTION: DNA SEQUENCES FROM PHOTORHABDUS LUMINESCENS
; FILE REFERENCE: 61645
; CURRENT APPLICATION NUMBER: US/10/647,956A
; CURRENT FILING DATE: 2003-08-26
; PRIOR APPLICATION NUMBER: CURRENT APPLICATION NUMBER: US/09/817,514
; PRIOR FILING DATE: CURRENT FILING DATE: 2000-03-26
; PRIOR APPLICATION NUMBER: US 60/191806
; PRIOR FILING DATE: 2000-03-24
; NUMBER OF SEQ ID NOS: 8
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 4
; LENGTH: 1476
; TYPE: PRT
; ORGANISM: Photorhabdus luminescens
US-10-647-956A-4

Query Match 40.7%; Score 35; DB 6; Length 1476;
Best Local Similarity 53.8%; Pred. No. 2.5e+02;
Matches 7; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 1 RORYLYTDDAQOT 13
DB 1056 QORTFTDGKNT 1068

RESULT 12

US-10-793-626-2650
; Sequence 2650, Application US/10793626
; Publication No. US20050255478A1
; GENERAL INFORMATION:
; APPLICANT: KIMMERLY, WILLIAM JOHN
; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
; FILE REFERENCE: PU3480US
; CURRENT APPLICATION NUMBER: US/10/793,626
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: 60/164,258
; PRIOR FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 4472
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 2650
; LENGTH: 158
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: amino acid sequence
US-10-793-626-2650

Query Match 39.5%; Score 34; DB 6; Length 158;
Best Local Similarity 43.8%; Pred. No. 32;
Matches 7; Conservative 2; Mismatches 7; Indels 0; Gaps 0;

QY 1 RORYLYTDDAQOTEAH 16

DB 42 RGRLTFSDDQPMVAH 57

RESULT 13

US-11-052-554A-361
; Sequence 361, Application US/11052554A
; Publication No. US2005028866A1
; GENERAL INFORMATION:
; APPLICANT: Sachdeva, et al.
; TITLE OF INVENTION: COMPUTATIONAL METHOD FOR IDENTIFYING ADHESIN AND ADHESIN-LIKE
; FILE REFERENCE: 30853/40359A
; CURRENT APPLICATION NUMBER: US/11/052,554A
; CURRENT FILING DATE: 2005-02-07
; PRIOR APPLICATION NUMBER: US 60/589,227
; PRIOR FILING DATE: 2004-07-20
; PRIOR APPLICATION NUMBER: IN 173/DEL/2004
; PRIOR FILING DATE: 2004-02-06
; NUMBER OF SEQ ID NOS: 763
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 361
; LENGTH: 195
; TYPE: PRT
; ORGANISM: Streptococcus mutans UA159
US-11-052-554A-361

Query Match 39.5%; Score 34; DB 7; Length 195;
Best Local Similarity 70.0%; Pred. No. 41;
Matches 7; Conservative 0; Mismatches 3; Indels 0; Gaps 0;

QY 7 TDDAQOTEAH 16
DB 52 TDAQOTEAH 61

RESULT 14

US-10-793-626-578
; Sequence 578, Application US/10793626
; Publication No. US20050255478A1
; GENERAL INFORMATION:
; APPLICANT: KIMMERLY, WILLIAM JOHN
; TITLE OF INVENTION: STAPHYLOCOCCUS EPIDERMIDIS NUCLEIC ACIDS AND PROTEINS
; FILE REFERENCE: PU3480US
; CURRENT APPLICATION NUMBER: US/10/793,626
; CURRENT FILING DATE: 2004-03-04
; PRIOR APPLICATION NUMBER: 60/164,258
; PRIOR FILING DATE: 1999-11-09
; NUMBER OF SEQ ID NOS: 4472
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 578
; LENGTH: 308
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: Description of Artificial Sequence: synthetic
; OTHER INFORMATION: amino acid sequence
US-10-793-626-578

Query Match 39.5%; Score 34; DB 6; Length 308;
Best Local Similarity 43.8%; Pred. No. 67;
Matches 7; Conservative 2; Mismatches 7; Indels 0; Gaps 0;

QY 1 RORYLYTDDAQOTEAH 16
DB 42 RGRLTFSDDQPMVAH 57

RESULT 15

US-10-485-517-204
; Sequence 204, Application US/10485517
; Publication No. US20050256299A1
; GENERAL INFORMATION:

```

; APPLICANT: University of Sheffield
; APPLICANT: Biosynexus Incorporated
; APPLICANT: Foster, Simon
; APPLICANT: Mond, James
; TITLE OF INVENTION: Antigenic Polypeptides
; FILE REFERENCE: P100629WO
; CURRENT APPLICATION NUMBER: US/10/485,517
; CURRENT FILING DATE: 2004-02-02
; PRIOR APPLICATION NUMBER: GB 011825.9
; PRIOR FILING DATE: 2001-08-02
; PRIOR APPLICATION NUMBER: GB 0200349.9
; PRIOR FILING DATE: 2002-01-09
; NUMBER OF SEQ ID NOS: 424
; SOFTWARE: Patent in version 3.1
; SEQ ID NO 204
; LENGTH: 412
; TYPE: PRT
; ORGANISM: Staphylococcus aureus
US-10-485-517-204

Query Match 39.5%; Score 34; DB 6; Length 412;
Best Local Similarity 50.0%; Pred. No. 92;
Matches 6; Conservative 4; Mismatches 2; Indels 0; Gaps 0;

QY 3 RVLVTDDAQOTE 14
DB 348 RKLWSDDAKEVE 359

RESULT 16
US-11-151-601-23
; Sequence 23, Application US/11151601
; Publication No. US20060003413A1
; GENERAL INFORMATION:
; APPLICANT: Millennium Pharmaceuticals, Inc.
; APPLICANT: Meyers, Rachel E.
; APPLICANT: Olandt, Peter J.
; APPLICANT: Kapeller-Libermann, Rosana
; APPLICANT: Curtis, Rory A. J.
; APPLICANT: Williamson, Mark
; APPLICANT: Weich, Nadine
; TITLE OF INVENTION: NOVEL HUMAN PROTEIN KINASE, PHOSPHATASE,
; AND PROTEASE FAMILY MEMBERS AND USES THEREOF
; FILE REFERENCE: MP100-054P1RCP10W1D1V1M
; CURRENT APPLICATION NUMBER: US/11/151,601
; CURRENT FILING DATE: 2005-06-13
; PRIOR FILING DATE: US 10/170,789
; PRIOR APPLICATION NUMBER: US 09/797,039
; PRIOR FILING DATE: 2002-06-13
; PRIOR APPLICATION NUMBER: PCT/US01/06525
; PRIOR FILING DATE: 2001-02-28
; PRIOR APPLICATION NUMBER: US 60/186,061
; PRIOR FILING DATE: 2000-02-29
; PRIOR APPLICATION NUMBER: US 09/882,166
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: PCT/US01/19269
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: US 60/212,078
; PRIOR FILING DATE: 2000-06-15
; PRIOR APPLICATION NUMBER: US 09/934,406
; PRIOR FILING DATE: 2001-08-21
; PRIOR APPLICATION NUMBER: PCT/US01/26052
; PRIOR FILING DATE: 2001-08-21
; PRIOR APPLICATION NUMBER: US 60/226,740
; PRIOR FILING DATE: 2000-08-21
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 45
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 23
; LENGTH: 710
; TYPE: PRT
; ORGANISM: Artificial Sequence
; FEATURE:
; OTHER INFORMATION: consensus sequence
US-11-151-601-23

Query Match 39.5%; Score 34; DB 7; Length 710;
Best Local Similarity 50.0%; Pred. No. 1.7e+02;
Matches 7; Conservative 2; Mismatches 5; Indels 0; Gaps 0;

QY 2 QRVLVTDDAQOTE 15
DB 97 QRVLVQDSLEGEA 110

RESULT 17
US-10-055-877-138
; Sequence 138, Application US/10055877
; Publication No. US20050288241A1
; GENERAL INFORMATION:
; APPLICANT: DeCristofaro, Marc
; APPLICANT: Padigaru, Muralidhara
; APPLICANT: Miller, Charles
; APPLICANT: Tchernev, Velizar
; APPLICANT: Zhong, Mei
; APPLICANT: Anderson, David
; APPLICANT: Ballinger, Robert
; APPLICANT: Gerlach, Valerie
; APPLICANT: Spytek, Kimberly
; APPLICANT: Ratelli, Luca
; APPLICANT: Kekuda, Ramesh
; APPLICANT: Guo, Xiaojia
; APPLICANT: Zerhusen, Bryan
; APPLICANT: Andrew, David
; APPLICANT: Mezes, Peter
; APPLICANT: Patturajan, Meera
; APPLICANT: Burgess, Catherine
; APPLICANT: Eisen, Andrew
; APPLICANT: Wolenc, Adam
; APPLICANT: Baumgartner, Jason
; APPLICANT: Shimkete, Richard
; APPLICANT: Gusev, Vladimir
; APPLICANT: Vernet, Corine
; APPLICANT: Taupier Jr., Raymond
; APPLICANT: Pena, Carol
; APPLICANT: Shenoy, Suresh
; APPLICANT: Li, Li
; APPLICANT: Casman, Stacie
; APPLICANT: Boldog, Ference
; TITLE OF INVENTION: Novel Polypeptides and Nucleic Acids Encoded Thereby
; FILE REFERENCE: 21402-251
; CURRENT APPLICATION NUMBER: US/10/055,877
; CURRENT FILING DATE: 2002-01-22
; PRIOR APPLICATION NUMBER: 60/262,892
; PRIOR FILING DATE: 2001-01-19
; PRIOR APPLICATION NUMBER: 60/263,598
; PRIOR FILING DATE: 2001-01-23
; PRIOR APPLICATION NUMBER: 60/263,799
; PRIOR FILING DATE: 2001-01-24
; PRIOR APPLICATION NUMBER: 60/264,117
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 60/264,139
; PRIOR FILING DATE: 2001-01-25
; PRIOR APPLICATION NUMBER: 60/264,478
; PRIOR FILING DATE: 2001-01-26
; PRIOR APPLICATION NUMBER: 60/263,351
; PRIOR FILING DATE: 2001-01-30
; PRIOR APPLICATION NUMBER: 60/272,870
; PRIOR FILING DATE: 2001-03-02
; PRIOR APPLICATION NUMBER: 60/275,990
; PRIOR FILING DATE: 2001-03-14
; PRIOR APPLICATION NUMBER: 60/275,927
; PRIOR FILING DATE: 2001-03-14
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 512

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; SOFTWARE: Patentin Ver. 2.1
; SEQ ID NO 138
; LENGTH: 1059
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-055-877-138

Query Match 39.5%; Score 34; DB 6; Length 1059;
Best Local Similarity 85.7%; Pred. No. 2.6e+02;
Matches 6; Conservative 0; Mismatches 1; Indels 0; Gaps 0;

QY 2 QRYLYTD 8*
| | | | |
DB 1041 QRYLYTD 1047

RESULT 18
US-11-052-554A-91
; Sequence 91, Application US/11052554A
; Publication No. US20050288866A1
; GENERAL INFORMATION:
; APPLICANT: Sachdeva, et al.
; TITLE OF INVENTION: COMPUTATIONAL METHOD FOR IDENTIFYING ADHESIN AND ADHESIN-LIKE
; FILE REFERENCE: 30853/40359A
; CURRENT APPLICATION NUMBER: US/11/052,554A
; CURRENT FILING DATE: 2005-02-07
; PRIOR APPLICATION NUMBER: US 60/589,227
; PRIOR FILING DATE: 2004-07-20
; PRIOR APPLICATION NUMBER: IN 173/DEL/2004
; PRIOR FILING DATE: 2004-02-06
; NUMBER OF SEQ ID NOS: 763
; SOFTWARE: Patentin version 3.3
; SEQ ID NO 91
; LENGTH: 2902
; TYPE: PRT
; ORGANISM: Helicobacter pylori J99
US-11-052-554A-91

Query Match 39.5%; Score 34; DB 7; Length 2902;
Best Local Similarity 75.0%; Pred. No. 7.7e+02;
Matches 6; Conservative 1; Mismatches 1; Indels 0; Gaps 0;

QY 4 YLYTDDAQ 11
| | | | |
DB 1612 YSYDDAQ 1619

RESULT 19
US-10-467-657-1306
; Sequence 1306, Application US/10467657
; Publication No. US20050260581A1
; GENERAL INFORMATION:
; APPLICANT: CHIRON SpA
; APPLICANT: FONTANA Maria Rita
; APPLICANT: PIZZA Mariagrazia
; APPLICANT: MASIGNANI Vega
; APPLICANT: MONACI Elisabetta
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/467,657
; CURRENT FILING DATE: 2003-08-11
; PRIOR APPLICATION NUMBER: GB-0103424.8
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 9218
; SOFTWARE: SeqWin99, version 1.04
; SEQ ID NO 1306
; LENGTH: 32
; TYPE: PRT
; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-1306

Query Match 38.4%; Score 33; DB 6; Length 32;

Best Local Similarity 66.7%; Pred. No. 8.4;
Matches 6; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 5 LYTDDAQQT 13
| | | | |
DB 16 LHTDDGDOT 24

RESULT 20
US-10-467-657-8522
; Sequence 8522, Application US/10467657
; Publication No. US20050260581A1
; GENERAL INFORMATION:
; APPLICANT: CHIRON SpA
; APPLICANT: FONTANA Maria Rita
; APPLICANT: PIZZA Mariagrazia
; APPLICANT: MASIGNANI Vega
; APPLICANT: MONACI Elisabetta
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/467,657
; CURRENT FILING DATE: 2003-08-11
; PRIOR APPLICATION NUMBER: GB-0103424.8
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 9218
; SOFTWARE: SeqWin99, version 1.04
; SEQ ID NO 8522
; LENGTH: 163
; TYPE: PRT
; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-8522

Query Match 38.4%; Score 33; DB 6; Length 163;
Best Local Similarity 75.0%; Pred. No. 50;
Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY 4 YLYTDDAQ 11
| | | | |
DB 125 YLYTDPVQ 132

RESULT 21
US-10-467-657-2238
; Sequence 2238, Application US/10467657
; Publication No. US20050260581A1
; GENERAL INFORMATION:
; APPLICANT: CHIRON SpA
; APPLICANT: FONTANA Maria Rita
; APPLICANT: PIZZA Mariagrazia
; APPLICANT: MASIGNANI Vega
; APPLICANT: MONACI Elisabetta
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/467,657
; CURRENT FILING DATE: 2003-08-11
; PRIOR APPLICATION NUMBER: GB-0103424.8
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 9218
; SOFTWARE: SeqWin99, version 1.04
; SEQ ID NO 2238
; LENGTH: 234
; TYPE: PRT
; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-2238

Query Match 38.4%; Score 33; DB 6; Length 234;
Best Local Similarity 37.5%; Pred. No. 74;
Matches 6; Conservative 2; Mismatches 8; Indels 0; Gaps 0;

QY 1 RORYLYTDDAQOTEAH 16
| | | | |
DB 122 ROHFFLPDDVFGTQVH 137

```
RESULT 22
US-10-454-437-92
; Sequence 92, Application US/10454437
; Publication No. US20050277115A1
; GENERAL INFORMATION:
; APPLICANT: Pompejus, Markus
; APPLICANT: Kroger, Burkhard
; APPLICANT: Schroder, Hartwig
; APPLICANT: Zelder, Oskar
; APPLICANT: Haberhauer, Gregor
; TITLE OF INVENTION: CORYNEBACTERIUM GLUTAMICUM GENES ENCODING PROTEINS
; FILE REFERENCE: BGI-128CPCN
; CURRENT APPLICATION NUMBER: US/10/454,437
; PRIOR FILING DATE: 2003-06-13
; PRIOR APPLICATION NUMBER: US 60/141031
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: DE 19931636.8
; PRIOR FILING DATE: 1999-07-08
; PRIOR APPLICATION NUMBER: DE 19932125.6
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932126.4
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932127.2
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932128.0
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932129.9
; PRIOR FILING DATE: 1999-07-14
; PRIOR APPLICATION NUMBER: DE 19932920.6
; PRIOR FILING DATE: 1999-07-19
; PRIOR APPLICATION NUMBER: DE 19932922.2
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 442
; SEQ ID NO 92
; LENGTH: 242
; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-10-454-437-92

Query Match      38.4%; Score 33; DB 6; Length 242;
Best Local Similarity 75.0%; Pred. No. 76;
Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6 YTDDAQQT 13
Db      124 YTDDANHT 131
|||||

RESULT 23
US-10-454-437-90
; Sequence 90, Application US/10454437
; Publication No. US20050277115A1
; GENERAL INFORMATION:
; APPLICANT: Pompejus, Markus
; APPLICANT: Kroger, Burkhard
; APPLICANT: Schroder, Hartwig
; APPLICANT: Zelder, Oskar
; APPLICANT: Haberhauer, Gregor
; TITLE OF INVENTION: CORYNEBACTERIUM GLUTAMICUM GENES ENCODING PROTEINS
; FILE REFERENCE: BGI-128CPCN
; CURRENT APPLICATION NUMBER: US/10/454,437
; PRIOR FILING DATE: 2003-06-13
; PRIOR APPLICATION NUMBER: US 60/141031
; PRIOR FILING DATE: 1999-06-25
; PRIOR APPLICATION NUMBER: DE 19931636.8
; PRIOR FILING DATE: 1999-07-08
; PRIOR APPLICATION NUMBER: DE 19932125.6
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; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932126.4
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932127.2
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932128.0
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932129.9
; PRIOR FILING DATE: 1999-07-19
; PRIOR APPLICATION NUMBER: DE 19932226.0
; PRIOR FILING DATE: 1999-07-09
; PRIOR APPLICATION NUMBER: DE 19932920.6
; PRIOR FILING DATE: 1999-07-14
; PRIOR APPLICATION NUMBER: DE 19932922.2
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 442
; SEQ ID NO 90
; LENGTH: 267
; TYPE: PRT
; ORGANISM: Corynebacterium glutamicum
US-10-454-437-90

Query Match      38.4%; Score 33; DB 6; Length 267;
Best Local Similarity 75.0%; Pred. No. 85;
Matches 6; Conservative 0; Mismatches 2; Indels 0; Gaps 0;

QY      6 YTDDAQQT 13
Db      149 YTDDANHT 156
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RESULT 24
US-10-467-657-4762
; Sequence 4762, Application US/10467657
; Publication No. US20050260581A1
; GENERAL INFORMATION:
; APPLICANT: CHIRON SPA
; APPLICANT: FONTANA Maria Rita
; APPLICANT: PIZZA Mariagrazia
; APPLICANT: MASIGNANI Vega
; APPLICANT: MONACI Elisabetta
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/467,657
; CURRENT FILING DATE: 2003-08-11
; PRIOR APPLICATION NUMBER: GB-0103424.8
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 9218
; SOFTWARE: SeqWin99, version 1.04
; SEQ ID NO 4762
; LENGTH: 279
; TYPE: PRT
; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-4762

Query Match      38.4%; Score 33; DB 6; Length 279;
Best Local Similarity 46.7%; Pred. No. 89;
Matches 7; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

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Db      155 RARYLKRNRKQREA 169
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RESULT 25
US-10-467-657-7236
; Sequence 7236, Application US/10467657
; Publication No. US20050260581A1
; GENERAL INFORMATION:
; APPLICANT: CHIRON SPA
; APPLICANT: FONTANA Maria Rita
; APPLICANT: PIZZA Mariagrazia
```

; APPLICANT: MASIGNANI Vega
; APPLICANT: MONACI Elisabetta
; TITLE OF INVENTION: GONOCOCCAL PROTEINS AND NUCLEIC ACIDS
; FILE REFERENCE:
; CURRENT APPLICATION NUMBER: US/10/467,657
; CURRENT FILING DATE: 2003-08-11
; PRIOR APPLICATION NUMBER: GB-0103424.8
; PRIOR FILING DATE: 2001-02-12
; NUMBER OF SEQ ID NOS: 9218
; SOFTWARE: SeqWin99, version 1.04
; SEQ ID NO 7236
; LENGTH: 279
; TYPE: PRT
; ORGANISM: Neisseria gonorrhoeae
US-10-467-657-7236

Query Match 38.4%; Score 33; DB 6; Length 279;
Best Local Similarity 46.7%; Pred. No. 89;
Matches 7; Conservative 3; Mismatches 5; Indels 0; Gaps 0;

QY 1 RORYLYTDDAQQTEA 15
| | | | : : | |
DB 155 RARYLKRNKREKOREA 169

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Job time : 5.67742 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: January 13, 2006, 17:22:59 ; Search time 23 Seconds
(without alignments)
751.270 Million cell updates/sec

Title: US-10-060-765-4
Perfect score: 209
Sequence: 1.MDSEGTGFHSLWVSLAG.....SSDPLSMVGPSQGRSPSYAS 209

Scoring table: OLIGO

Gapop 60.0 , Gapext 60.0

Searched: 572060 seqs, 82675679 residues

Word size : 0

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0

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Post-processing: Listing first 1000 summaries

Database : Issued Patents AA:
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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

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3	145	69.4	181	2	US-09-390-207-5
4	79	37.8	85	2	US-09-621-976-5213
5	30	14.4	181	2	US-09-390-207-6
6	30	14.4	210	2	US-09-390-207-4
7	30	14.4	210	2	US-09-715-805-2
8	30	14.4	210	2	US-09-665-493B-7
9	28	13.4	28	2	US-09-390-207-41
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19	7	3.3	15	2	US-09-500-124-394
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96	6	2.9	54	2	US-09-621-976-5277
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109	6	2.9	72	2	US-09-621-976-5494	Sequence 5494, App	182	152	2	US-09-270-767-36479	Sequence 36479, A
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117	6	2.9	82	2	US-08-854-050-176	Sequence 176, App	190	155	2	US-09-149-476-603	Sequence 603, App
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124	6	2.9	85	2	US-09-640-211A-870	Sequence 870, App	197	161	2	US-09-673-395A-577	Sequence 577, App
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126	6	2.9	90	2	US-09-640-211A-930	Sequence 930, App	199	163	2	US-09-270-767-40346	Sequence 40346, A
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129	6	2.9	95	2	US-09-540-236-3255	Sequence 3255, App	202	164	2	US-09-902-540-13804	Sequence 13804, A
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147	6	2.9	120	2	US-09-997-333-399	Sequence 399, App	220	185	1	US-08-487-167-14	Sequence 14, Appl1
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151	6	2.9	127	2	US-09-621-976-3956	Sequence 3956, App	224	185	2	US-08-615-271-14	Sequence 14, Appl1
152	6	2.9	127	2	US-09-710-278-242	Sequence 242, App	225	185	2	US-09-074-660-14	Sequence 14, Appl1
153	6	2.9	130	2	US-09-328-352-4578	Sequence 4578, App	226	185	2	US-09-106-468-14	Sequence 14, Appl1
154	6	2.9	131	2	US-09-269-410-9	Sequence 9, Appl1	227	185	2	US-09-106-468-14	Sequence 14, Appl1
155	6	2.9	131	2	US-09-540-236-2995	Sequence 2995, App	228	185	2	US-09-106-468-14	Sequence 14, Appl1
156	6	2.9	133	2	US-09-252-991A-30594	Sequence 30594, A	229	185	2	US-09-106-467-14	Sequence 14, Appl1
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160	6	2.9	136	2	US-09-252-991A-17095	Sequence 17095, A	233	189	2	US-09-252-991A-18969	Sequence 18969, A
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164	6	2.9	141	2	US-09-252-991A-19268	Sequence 19268, A	237	190	2	US-09-492-739-33	Sequence 33, Appl1
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166	6	2.9	143	2	US-09-270-767-32145	Sequence 32145, A	239	190	2	US-09-270-767-46639	Sequence 46639, A
167	6	2.9	143	2	US-09-270-767-47362	Sequence 47362, A	240	190	2	US-09-966-931A-33	Sequence 33, Appl1
168	6	2.9	143	2	US-09-248-796A-26002	Sequence 26002, A	241	192	2	US-09-540-236-328	Sequence 328, App
169	6	2.9	143	2	US-09-674-973A-253	Sequence 253, App	242	194	2	US-09-134-000C-5208	Sequence 5208, App
170	6	2.9	144	2	US-09-107-532A-4101	Sequence 4101, App	243	194	2	US-09-744-128-16	Sequence 16, Appl1
171	6	2.9	145	2	US-09-496-632C-18	Sequence 18, Appl1	244	194	2	US-10-104-047-2233	Sequence 2233, App
172	6	2.9	145	2	US-09-270-767-44143	Sequence 44143, A	245	196	2	US-09-303-518D-86	Sequence 86, Appl1
173	6	2.9	146	2	US-09-603-208A-200	Sequence 200, App	246	197	2	US-09-902-540-15748	Sequence 15748, A

247	6	2.9	197	2	US-10-121-757B-2	Sequence 2, Appli	320	6	2.9	247	2	US-09-710-279-2070	Sequence 2070, Ap
248	6	2.9	198	2	US-09-252-991A-17550	Sequence 17550, A	321	6	2.9	247	2	US-09-603-208A-152	Sequence 152, App
249	6	2.9	200	2	US-09-252-991A-19243	Sequence 19243, A	322	6	2.9	249	2	US-09-902-540-16665	Sequence 16665, A
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251	6	2.9	201	2	US-09-220-528-116	Sequence 116, App	324	6	2.9	251	2	US-09-328-352-4178	Sequence 4178, Ap
252	6	2.9	201	2	US-09-134-000C-6396	Sequence 6396, Ap	325	6	2.9	251	2	US-10-104-047-3719	Sequence 3719, Ap
253	6	2.9	202	2	US-09-257-179-90	Sequence 90, Appl	326	6	2.9	252	2	US-09-252-991A-27663	Sequence 27663, Ap
254	6	2.9	205	2	US-09-171-461-54	Sequence 54, Appl	327	6	2.9	253	2	US-09-605-703B-2888	Sequence 2888, Ap
255	6	2.9	205	2	US-09-970-711-54	Sequence 54, Appl	328	6	2.9	254	2	US-09-252-991A-21758	Sequence 21758, A
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261	6	2.9	212	2	US-09-603-208A-202	Sequence 202, App	334	6	2.9	261	2	US-09-902-540-15463	Sequence 15463, A
262	6	2.9	213	2	US-09-107-532A-7291	Sequence 7291, Ap	335	6	2.9	265	2	US-09-252-991A-23737	Sequence 23737, A
263	6	2.9	213	2	US-09-673-395A-613	Sequence 613, App	336	6	2.9	265	2	US-09-252-991A-26034	Sequence 26034, A
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266	6	2.9	216	2	US-09-307-794A-59	Sequence 59, Appl	339	6	2.9	267	2	US-08-965-056-38	Sequence 38, Appl
267	6	2.9	216	2	US-09-305-125A-59	Sequence 59, Appl	340	6	2.9	267	2	US-09-071-035-154	Sequence 154, App
268	6	2.9	216	2	US-09-902-775A-59	Sequence 59, Appl	341	6	2.9	267	2	US-09-902-540-15693	Sequence 15693, A
269	6	2.9	216	2	US-09-715-805-10	Sequence 10, Appl	342	6	2.9	267	2	US-10-206-576-154	Sequence 154, App
270	6	2.9	216	2	US-09-906-700-59	Sequence 59, Appl	343	6	2.9	268	2	US-08-965-056-8	Sequence 8, Appl
271	6	2.9	216	2	US-09-248-796A-18200	Sequence 18200, A	344	6	2.9	268	2	US-08-965-056-26	Sequence 26, Appl
272	6	2.9	216	2	US-09-903-603A-59	Sequence 59, Appl	345	6	2.9	268	2	US-09-303-518D-88	Sequence 88, Appl
273	6	2.9	216	2	US-09-904-920A-59	Sequence 59, Appl	346	6	2.9	268	2	US-09-303-518D-90	Sequence 90, Appl
274	6	2.9	216	2	US-09-949-016-8206	Sequence 8206, Ap	347	6	2.9	268	2	US-09-303-518D-92	Sequence 92, Appl
275	6	2.9	216	2	US-09-909-064-59	Sequence 59, Appl	348	6	2.9	268	2	US-09-303-518D-94	Sequence 94, Appl
276	6	2.9	216	2	US-09-305-381A-59	Sequence 59, Appl	349	6	2.9	269	2	US-08-965-056-6	Sequence 6, Appl
277	6	2.9	216	2	US-09-906-618-59	Sequence 59, Appl	350	6	2.9	269	2	US-08-965-056-22	Sequence 22, Appl
278	6	2.9	216	2	US-09-906-646-59	Sequence 59, Appl	351	6	2.9	269	2	US-08-965-056-24	Sequence 24, Appl
279	6	2.9	216	2	US-09-904-462-59	Sequence 59, Appl	352	6	2.9	269	2	US-08-965-056-33	Sequence 33, Appl
280	6	2.9	216	2	US-09-902-736A-59	Sequence 59, Appl	353	6	2.9	269	2	US-08-965-056-42	Sequence 42, Appl
281	6	2.9	216	2	US-09-906-722A-59	Sequence 59, Appl	354	6	2.9	269	2	US-08-965-056-46	Sequence 46, Appl
282	6	2.9	217	2	US-09-252-991A-19563	Sequence 19563, A	355	6	2.9	269	2	US-09-134-000C-5432	Sequence 5432, Ap
283	6	2.9	218	2	US-09-252-991A-29586	Sequence 29586, A	356	6	2.9	270	2	US-09-082-593-10	Sequence 10, Appl
284	6	2.9	218	2	US-10-360-101-260	Sequence 260, App	357	6	2.9	270	2	US-09-489-039A-9994	Sequence 9994, Ap
285	6	2.9	221	2	US-09-902-540-16147	Sequence 16147, A	358	6	2.9	271	2	US-09-252-991A-32666	Sequence 32666, A
286	6	2.9	222	2	US-09-602-787A-412	Sequence 412, App	359	6	2.9	272	2	US-09-252-991A-19941	Sequence 19941, A
287	6	2.9	225	2	US-09-252-991A-27348	Sequence 27348, A	360	6	2.9	274	2	US-09-083-268-18	Sequence 18, Appl
288	6	2.9	225	2	US-09-855-323-14	Sequence 14, Appl	361	6	2.9	275	2	US-09-248-796A-20116	Sequence 20116, A
289	6	2.9	227	2	US-09-439-554-28	Sequence 28, Appl	362	6	2.9	275	2	US-08-981-988A-18	Sequence 18, Appl
290	6	2.9	227	2	US-09-902-540-15523	Sequence 15523, A	363	6	2.9	276	2	US-10-104-047-2544	Sequence 2544, Ap
291	6	2.9	228	1	US-08-379-280-5	Sequence 5, Appli	364	6	2.9	277	2	US-09-252-991A-25198	Sequence 25198, A
292	6	2.9	229	2	US-09-252-991A-30629	Sequence 30629, A	365	6	2.9	277	2	US-09-949-016-8160	Sequence 8160, Ap
293	6	2.9	229	2	US-09-454-204A-41	Sequence 41, Appl	366	6	2.9	279	2	US-09-489-039A-13210	Sequence 13210, A
294	6	2.9	230	2	US-09-477-135A-138	Sequence 138, App	367	6	2.9	281	2	US-09-252-991A-19858	Sequence 19858, A
295	6	2.9	230	2	US-09-893-737-210	Sequence 210, App	368	6	2.9	281	2	US-09-252-991A-21164	Sequence 21164, A
296	6	2.9	234	2	US-09-533-029-54	Sequence 54, Appl	369	6	2.9	283	2	US-09-902-540-12203	Sequence 12203, A
297	6	2.9	236	1	US-08-494-907-8	Sequence 8, Appli	370	6	2.9	285	2	US-09-134-000C-3671	Sequence 3671, Ap
298	6	2.9	236	2	US-09-489-039A-8375	Sequence 8375, Ap	371	6	2.9	285	2	US-09-107-433-4723	Sequence 4723, Ap
299	6	2.9	236	2	US-09-792-251-11	Sequence 11, Appl	372	6	2.9	287	2	US-09-257-991A-23091	Sequence 23091, A
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301	6	2.9	236	4	PCT-US96-10986-8	Sequence 8, Appli	374	6	2.9	288	4	PCT-US95-04801-7	Sequence 7, Appli
302	6	2.9	237	2	US-09-489-039A-13099	Sequence 13099, A	375	6	2.9	290	2	US-09-252-991A-30310	Sequence 30310, A
303	6	2.9	238	2	US-09-071-035-156	Sequence 156, App	376	6	2.9	290	2	US-09-489-039A-8379	Sequence 8379, Ap
304	6	2.9	238	2	US-09-949-016-11317	Sequence 11317, A	377	6	2.9	290	2	US-09-252-991A-21924	Sequence 21924, A
305	6	2.9	238	2	US-10-206-576-156	Sequence 156, App	378	6	2.9	291	2	US-09-134-000C-3538	Sequence 3538, Ap
306	6	2.9	239	2	US-09-543-681A-5332	Sequence 5332, Ap	379	6	2.9	291	2	US-09-252-991A-20937	Sequence 20937, A
307	6	2.9	240	2	US-09-252-991A-31100	Sequence 31100, A	380	6	2.9	294	2	US-09-902-540-16493	Sequence 16493, A
308	6	2.9	240	2	US-09-540-236-2487	Sequence 2487, Ap	381	6	2.9	294	2	US-09-248-796A-23242	Sequence 23242, A
309	6	2.9	241	2	US-09-502-540-10075	Sequence 10075, A	382	6	2.9	297	2	US-09-902-540-15793	Sequence 15793, A
310	6	2.9	242	1	US-08-845-998-2	Sequence 2, Appli	383	6	2.9	299	6	5514590-4	Patent No. 5514590
311	6	2.9	242	2	US-09-206-537-2	Sequence 2, Appli	384	6	2.9	300	1	US-08-933-750C-42	Sequence 42, Appl
312	6	2.9	242	2	US-09-430-854-2	Sequence 2, Appli	385	6	2.9	300	2	US-09-234-613-42	Sequence 42, Appl
313	6	2.9	243	2	US-09-134-001C-2961	Sequence 2961, Ap	386	6	2.9	300	2	US-09-689-343E-2	Sequence 2, Appli
314	6	2.9	243	2	US-09-489-039A-13302	Sequence 13302, A	387	6	2.9	300	2	US-09-252-991A-32503	Sequence 32503, A
315	6	2.9	244	2	US-09-252-991A-26246	Sequence 26246, A	388	6	2.9	304	2	US-09-605-703B-1154	Sequence 1154, Ap
316	6	2.9	245	2	US-09-198-452A-37	Sequence 37, Appl	389	6	2.9	305	1	US-08-602-359A-42	Sequence 42, Appl
317	6	2.9	246	2	US-09-252-991A-18687	Sequence 18687, A	390	6	2.9	305	2	US-09-252-991A-17593	Sequence 17593, A
318	6	2.9	246	2	US-09-902-540-15270	Sequence 15270, A	391	6	2.9	305	2	US-09-902-540-12811	Sequence 12811, A
319	6	2.9	247	2	US-09-252-991A-27838	Sequence 27838, A	392	6	2.9				

393	6	2.9	306	2	US-09-328-352-8079	Sequence 8079, Ap	466	6	2.9	365	2	US-09-489-039A-9152	Sequence 9152, Ap
394	6	2.9	311	2	US-09-252-991A-30797	Sequence 30797, A	467	6	2.9	367	1	US-08-737-045-14	Sequence 14, Appl
395	6	2.9	313	2	US-09-270-767-46289	Sequence 46289, A	468	6	2.9	367	2	US-09-432-871B-2	Sequence 2, Appl
396	6	2.9	313	2	US-09-710-279-3102	Sequence 3102, Ap	469	6	2.9	367	2	US-09-476-919-2	Sequence 2, Appl
397	6	2.9	316	2	US-09-902-540-10498	Sequence 10498, A	470	6	2.9	367	2	US-08-780-311A-2	Sequence 2, Appl
398	6	2.9	317	1	US-08-864-795-4	Sequence 4, Appl	471	6	2.9	367	2	US-09-716-964B-110	Sequence 110, App
399	6	2.9	317	1	US-08-864-795-5	Sequence 5, Appl	472	6	2.9	370	2	US-09-252-991A-31298	Sequence 31298, A
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401	6	2.9	318	2	US-09-252-991A-23188	Sequence 23188, A	474	6	2.9	370	2	US-09-248-796A-15189	Sequence 15189, A
402	6	2.9	318	2	US-09-107-532A-6372	Sequence 6372, Ap	475	6	2.9	372	2	US-09-252-991A-27359	Sequence 27359, A
403	6	2.9	319	2	US-08-832-399-2	Sequence 2, Appl	476	6	2.9	373	2	US-09-149-476-374	Sequence 374, App
404	6	2.9	319	2	US-09-372-498-2	Sequence 2, Appl	477	6	2.9	375	2	US-09-622-439-2	Sequence 2, Appl
405	6	2.9	320	2	US-08-956-171E-5192	Sequence 5192, Ap	478	6	2.9	375	2	US-09-543-681A-7400	Sequence 7400, Ap
406	6	2.9	320	2	US-08-781-986A-5192	Sequence 5192, Ap	479	6	2.9	375	2	US-10-318-142-2	Sequence 2, Appl
407	6	2.9	321	2	US-09-248-796A-17608	Sequence 17608, A	480	6	2.9	375	2	US-09-875-076-16	Sequence 16, Appl
408	6	2.9	321	2	US-09-583-110-2973	Sequence 2973, Ap	481	6	2.9	375	2	US-10-781-294-39	Sequence 39, Appl
409	6	2.9	323	2	US-09-902-540-9722	Sequence 9722, Ap	482	6	2.9	377	2	US-09-622-439-22	Sequence 22, Appl
410	6	2.9	324	2	US-09-134-001C-4996	Sequence 4996, Ap	483	6	2.9	377	2	US-09-107-532A-6692	Sequence 6692, Ap
411	6	2.9	324	2	US-09-902-540-11045	Sequence 11045, A	484	6	2.9	377	2	US-10-318-142-22	Sequence 22, Appl
412	6	2.9	324	2	US-09-902-540-11047	Sequence 11047, A	485	6	2.9	378	2	US-09-134-001C-4692	Sequence 4692, Ap
413	6	2.9	325	2	US-09-107-433-4809	Sequence 4809, Ap	486	6	2.9	378	2	US-09-134-000C-5593	Sequence 5593, Ap
414	6	2.9	327	2	US-08-956-171E-5208	Sequence 5208, Ap	487	6	2.9	378	2	US-09-270-767-36281	Sequence 36281, A
415	6	2.9	327	2	US-08-781-986A-5208	Sequence 5208, Ap	488	6	2.9	378	2	US-09-270-767-51498	Sequence 51498, A
416	6	2.9	330	2	US-09-134-001C-3811	Sequence 3811, Ap	489	6	2.9	380	2	US-09-489-847-356	Sequence 356, App
417	6	2.9	330	2	US-09-252-991A-23136	Sequence 23136, A	490	6	2.9	380	2	US-09-710-279-2168	Sequence 2168, Ap
418	6	2.9	330	2	US-09-902-540-13345	Sequence 13345, A	491	6	2.9	384	2	US-09-252-991A-16983	Sequence 16983, A
419	6	2.9	331	2	US-09-967-552A-24	Sequence 24, Appl	492	6	2.9	385	2	US-09-285-585C-120	Sequence 120, App
420	6	2.9	332	2	US-09-248-796A-18474	Sequence 18474, A	493	6	2.9	386	2	US-09-134-001C-3770	Sequence 3770, Ap
421	6	2.9	335	2	US-08-961-803-52	Sequence 52, Appl	494	6	2.9	387	2	US-09-107-532A-6002	Sequence 6002, Ap
422	6	2.9	335	2	US-09-536-784-52	Sequence 52, Appl	495	6	2.9	388	2	US-09-252-991A-22751	Sequence 22751, A
423	6	2.9	335	2	US-09-765-271-52	Sequence 52, Appl	496	6	2.9	388	2	US-09-252-991A-28525	Sequence 28525, A
424	6	2.9	335	2	US-09-765-271-52	Sequence 52, Appl	497	6	2.9	388	2	US-09-902-540-10378	Sequence 10378, A
425	6	2.9	336	2	US-08-987-121A-4	Sequence 4, Appl	498	6	2.9	389	2	US-09-902-540-14557	Sequence 14557, A
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428	6	2.9	336	2	US-09-107-532A-4238	Sequence 4238, Ap	501	6	2.9	393	2	US-09-252-991A-24171	Sequence 24171, A
429	6	2.9	336	2	US-09-583-110-4857	Sequence 4857, Ap	502	6	2.9	393	2	US-09-248-796A-24239	Sequence 24239, A
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431	6	2.9	336	2	US-09-902-540-11690	Sequence 11690, A	504	6	2.9	395	2	US-09-480-784-6	Sequence 6, Appl
432	6	2.9	338	2	US-09-252-991A-31633	Sequence 31633, A	505	6	2.9	396	2	US-09-248-796A-18742	Sequence 18742, A
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442	6	2.9	343	2	US-09-252-991A-31075	Sequence 31075, A	515	6	2.9	403	2	US-09-107-532A-6697	Sequence 6697, Ap
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454	6	2.9	355	2	US-09-489-039A-9887	Sequence 9887, Ap	527	6	2.9	409	2	US-09-252-991A-30461	Sequence 30461, A
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457	6	2.9	356	2	US-09-902-540-11356	Sequence 11356, A	530	6	2.9	410	2	US-09-472-880-2	Sequence 2, Appl
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460	6	2.9	360	2	US-09-252-991A-17551	Sequence 17551, A	533	6	2.9	410	2	US-09-983-931-2	Sequence 2, Appl
461	6	2.9	363	2	US-09-328-352-5803	Sequence 5803, Ap	534	6	2.9	411	1	US-08-933-115-2	Sequence 2, Appl
462	6	2.9	363	2	US-09-142-108C-25	Sequence 25, Appl	535	6	2.9	411	2	US-09-205-008-2	Sequence 2, Appl
463	6	2.9	363	2	US-10-314-048A-32	Sequence 32, Appl	536	6	2.9	411	2	US-09-206-115-2	Sequence 2, Appl
464	6	2.9	363	2	US-10-314-048A-96	Sequence 96, Appl	537	6	2.9	412	2	US-09-252-991A-17613	Sequence 17613, A
465	6	2.9	364	2	US-09-252-991A-19037	Sequence 19037, A	538	6	2.9	412	2	US-09-107-532A-6329	Sequence 6329, Ap

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542	6	2.9	418	2	US-09-107-433-3619	Sequence 3619, Ap	615	6	2.9	479	2	US-09-949-016-11559	Sequence 11559, A
543	6	2.9	419	2	US-09-252-991A-25528	Sequence 25528, A	616	6	2.9	482	2	US-09-252-991A-18771	Sequence 18771, A
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548	6	2.9	421	2	US-09-583-110-2907	Sequence 2907, Ap	620	6	2.9	486	2	US-09-252-991A-25645	Sequence 25645, A
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552	6	2.9	425	2	US-09-252-991A-22321	Sequence 22321, A	624	6	2.9	488	2	US-08-367-777-44	Sequence 44, Appli
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554	6	2.9	425	2	US-09-500-495A-6	Sequence 6, Appli	627	6	2.9	488	2	US-09-248-796A-15599	Sequence 15599, A
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563	6	2.9	433	2	US-09-380-287A-6	Sequence 6, Appli	636	6	2.9	499	2	US-09-252-991A-31820	Sequence 31820, A
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571	6	2.9	447	2	US-09-605-703B-1482	Sequence 1482, Ap	644	6	2.9	506	2	US-09-107-532A-7239	Sequence 7239, Ap
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576	6	2.9	450	1	US-08-188-582-30	Sequence 30, Appli	649	6	2.9	513	2	US-08-206-899-21	Sequence 21, Appli
577	6	2.9	450	1	US-08-646-715-30	Sequence 30, Appli	650	6	2.9	515	1	US-08-194-338-3	Sequence 3, Appli
578	6	2.9	452	2	US-09-134-001C-3935	Sequence 3935, Ap	651	6	2.9	515	1	US-08-444-734A-7	Sequence 7, Appli
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583	6	2.9	461	2	US-09-949-016-9667	Sequence 9667, Ap	656	6	2.9	515	2	US-09-688-415-9	Sequence 9, Appli
584	6	2.9	461	2	US-09-967-552A-4	Sequence 4, Appli	657	6	2.9	515	2	US-09-688-415-10	Sequence 10, Appli
585	6	2.9	461	2	US-09-967-552A-6	Sequence 6, Appli	658	6	2.9	517	2	US-09-391-104-32	Sequence 32, Appli
586	6	2.9	461	2	US-09-967-552A-28	Sequence 28, Appli	659	6	2.9	517	2	US-09-252-991A-32798	Sequence 32798, A
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588	6	2.9	463	1	US-08-336-408B-6	Sequence 6, Appli	661	6	2.9	521	2	US-09-949-016-8809	Sequence 8809, Ap
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593	6	2.9	463	4	PCT-US91-00399-6	Sequence 6, Appli	666	6	2.9	528	1	US-08-403-852D-21	Sequence 21, Appli
594	6	2.9	464	2	US-09-252-991A-19821	Sequence 19821, A	667	6	2.9	528	2	US-08-510-646B-22	Sequence 22, Appli
595	6	2.9	465	2	US-09-252-991A-20576	Sequence 20576, A	668	6	2.9	528	2	US-09-231-818-21	Sequence 21, Appli
596	6	2.9	466	2	US-09-949-016-7492	Sequence 7492, Ap	669	6	2.9	528	2	US-09-635-359B-21	Sequence 21, Appli
597	6	2.9	467	2	US-09-252-991A-25780	Sequence 25780, A	670	6	2.9	529	2	US-09-381-656-1	Sequence 1, Appli
598	6	2.9	468	2	US-09-949-016-8597	Sequence 8597, Ap	671	6	2.9	529	2	US-09-537-642-1	Sequence 1, Appli
599	6	2.9	468	2	US-09-252-991A-25581	Sequence 25581, A	672	6	2.9	529	2	US-09-710-262E-4	Sequence 4, Appli
600	6	2.9	471	2	US-09-711-164-444	Sequence 444, App	673	6	2.9	529	2	US-10-164-230-61	Sequence 61, Appli
601	6	2.9	471	2	US-09-492-709A-284	Sequence 284, App	674	6	2.9	533	2	US-09-605-703B-1480	Sequence 1480, Ap
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686	6	2.9	553	1	US-08-106-761-4	Sequence 4, Appli	759	6	2.9	640	2	US-09-949-016-11204	Sequence 11204, A
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688	6	2.9	557	2	US-09-252-991A-18216	Sequence 18216, A	761	6	2.9	641	2	US-09-606-304-10	Sequence 10, Appli
689	6	2.9	563	2	US-09-252-991A-16728	Sequence 16728, A	762	6	2.9	644	2	US-09-949-016-9507	Sequence 9507, Ap
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691	6	2.9	567	2	US-09-270-767-46016	Sequence 46016, A	764	6	2.9	645	2	US-09-631-616-1	Sequence 1, Appli
692	6	2.9	568	1	US-08-528-199-1	Sequence 1, Appli	765	6	2.9	654	2	US-09-252-991A-20916	Sequence 20916, A
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695	6	2.9	578	2	US-08-981-392-13	Sequence 13, Appli	768	6	2.9	676	2	US-09-107-532A-6028	Sequence 6028, Ap
696	6	2.9	578	2	US-09-908-322-13	Sequence 13, Appli	769	6	2.9	681	2	US-09-248-796A-20121	Sequence 20121, A
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703	6	2.9	588	2	US-09-438-185A-23	Sequence 23, Appl	776	6	2.9	696	2	US-09-461-657B-4	Sequence 4, Appli
704	6	2.9	589	1	US-07-668-648-2	Sequence 2, Appli	777	6	2.9	700	2	US-09-902-540-11256	Sequence 11256, A
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707	6	2.9	589	4	PCT-US91-02321-2	Sequence 2, Appli	780	6	2.9	703	2	US-09-433-043B-124	Sequence 124, App
708	6	2.9	591	2	US-09-602-787A-24	Sequence 24, Appl	781	6	2.9	704	2	US-10-104-047-3501	Sequence 3501, Ap
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712	6	2.9	595	2	US-10-138-075-5	Sequence 5, Appli	785	6	2.9	720	2	US-09-252-991A-19581	Sequence 19581, A
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715	6	2.9	600	2	US-10-104-047-3397	Sequence 3397, Ap	788	6	2.9	722	2	US-09-949-016-6909	Sequence 6909, Ap
716	6	2.9	601	2	US-09-252-991A-23280	Sequence 23280, A	789	6	2.9	725	2	US-09-949-016-10832	Sequence 10832, A
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719	6	2.9	603	2	US-10-054-678-2	Sequence 2, Appli	792	6	2.9	734	2	US-09-641-741-2	Sequence 2, Appli
720	6	2.9	604	2	US-09-134-000C-5828	Sequence 5828, Ap	793	6	2.9	734	2	US-09-650-284B-2	Sequence 2, Appli
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722	6	2.9	608	2	US-09-270-767-32937	Sequence 32937, A	795	6	2.9	749	2	US-09-902-540-11816	Sequence 11816, A
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725	6	2.9	609	2	US-10-138-075-2	Sequence 2, Appli	798	6	2.9	757	2	US-09-949-016-7121	Sequence 7121, Ap
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727	6	2.9	612	2	US-09-252-991A-17844	Sequence 17844, A	800	6	2.9	760	2	US-09-107-532A-4604	Sequence 4604, Ap
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729	6	2.9	613	2	US-09-252-991A-19955	Sequence 19955, A	802	6	2.9	766	2	US-09-832-129-35	Sequence 35, Appli
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998 5 2.4 7 6 5194592-40 Patent No. 5194592
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ALIGNMENTS

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US-09-715-805-4
; Sequence 4, Application US/09715805
; Patent No. 6716626
; GENERAL INFORMATION:
; APPLICANT: Itoh, No. 6716626yuki
; APPLICANT: Kavanagh, W. Michael
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/09/715,805
; CURRENT FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 4
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-715-805-4

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Best Local Similarity 100.0%; Pred. No. 8.4e-193;
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; Patent No. 6504530
; GENERAL INFORMATION:
; APPLICANT: Thomason, Arlen
; APPLICANT: Liu, Benxian
; TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
; FILE REFERENCE: 99-371
; CURRENT APPLICATION NUMBER: US/09/390,207
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.0
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US-09-390-207-2

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; APPLICANT: Thomason, Arlen
; APPLICANT: Liu, Benxian
; TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
; FILE REFERENCE: 99-371
; CURRENT APPLICATION NUMBER: US/09/390,207
; CURRENT FILING DATE: 1999-09-07
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RESULT 4
US-09-621-976-5213
; Sequence 5213, Application US/09621976
; Patent No. 6639063
```

```

; GENERAL INFORMATION:
; APPLICANT: Dumas Milne Edwards, J.B.
; APPLICANT: Jobert, S. J.Y.
; APPLICANT: Giordano, J.Y.
; TITLE OF INVENTION: ESTs and Encoded Human Proteins.
; FILE REFERENCE: GENSET.054PR2
; CURRENT APPLICATION NUMBER: US/09/621,976
; CURRENT FILING DATE: 2000-07-21
; NUMBER OF SEQ ID NOS: 19335
; SOFTWARE: Patent.pm
; SEQ ID NO 5213
; LENGTH: 85
; TYPE: PRT
; ORGANISM: Homo sapiens
; FEATURE:
; NAME/KEY: SIGNAL
; LOCATION: -28...-1
; NAME/KEY: UNSURE
; LOCATION: 57
; OTHER INFORMATION: Xaa = Ala,Pro
; NAME/KEY: UNSURE
; LOCATION: 52
; OTHER INFORMATION: Xaa = Leu,Val
; US-09-621-976-5213

Query Match      37.8%; Score 79; DB 2; Length 85;
Best Local Similarity 100.0%; Pred. No. 3e-68;
Matches 79; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDSDETFPHSGLMVSVLGLLGAQAHPIPDSPFLQFGQVQRVLYTDDAQTEAH 60
DB 1 MDSDETFPHSGLMVSVLGLLGAQAHPIPDSPFLQFGQVQRVLYTDDAQTEAH 60

QY 61 LEIRDGTGGAADQSPES 79
DB 61 LEIRDGTGGAADQSPES 79

RESULT 5
US-09-390-207-6
; Sequence 6, Application US/09390207
; Patent No. 6504530
; GENERAL INFORMATION:
; APPLICANT: Thomason, Arlen
; APPLICANT: Liu, Benxian
; TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
; FILE REFERENCE: 99-371
; CURRENT APPLICATION NUMBER: US/09/390,207
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 6
; LENGTH: 181
; TYPE: PRT
; ORGANISM: Mus musculus
; US-09-390-207-6

Query Match      14.4%; Score 30; DB 2; Length 181;
Best Local Similarity 100.0%; Pred. No. 7.6e-21;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 115 HFDPEACSFRELLLEDGYNVYQSEAHGLPL 144
DB 87 HFDPEACSFRELLLEDGYNVYQSEAHGLPL 116

RESULT 6
US-09-390-207-4
; Sequence 4, Application US/09390207
; Patent No. 6504530
; GENERAL INFORMATION:
; APPLICANT: Thomason, Arlen
; APPLICANT: Liu, Benxian
; TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
; FILE REFERENCE: 99-371
; CURRENT APPLICATION NUMBER: US/09/390,207
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 4
; LENGTH: 210
; TYPE: PRT
; ORGANISM: Mus musculus
; US-09-390-207-4

Query Match      14.4%; Score 30; DB 2; Length 210;
Best Local Similarity 100.0%; Pred. No. 8.7e-21;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 115 HFDPEACSFRELLLEDGYNVYQSEAHGLPL 144
DB 116 HFDPEACSFRELLLEDGYNVYQSEAHGLPL 145

RESULT 7
US-09-715-805-2
; Sequence 2, Application US/09715805
; Patent No. 6716626
; GENERAL INFORMATION:
; APPLICANT: Itoh, No. 6716626uyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/09/715,805
; CURRENT FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 210
; TYPE: PRT
; ORGANISM: Mus musculus
; US-09-715-805-2

Query Match      14.4%; Score 30; DB 2; Length 210;
Best Local Similarity 100.0%; Pred. No. 8.7e-21;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 115 HFDPEACSFRELLLEDGYNVYQSEAHGLPL 144
DB 116 HFDPEACSFRELLLEDGYNVYQSEAHGLPL 145

RESULT 8
US-09-665-493B-7
; Sequence 7, Application US/09665493B
; Patent No. 6943153
; GENERAL INFORMATION:
; APPLICANT: Manning, William C., Jr.
; APPLICANT: Dwariki, Varavani J.
; APPLICANT: Rendahl, Katherine
; APPLICANT: Zhou, Shang-Zhen
; APPLICANT: McGee, Laura H.
; APPLICANT: Lau, Dana
; APPLICANT: Flannery, John G.
; APPLICANT: Miller, Sheldon
; APPLICANT: Wang, Fei
; APPLICANT: Di Polo, Adriana
; TITLE OF INVENTION: USE OF RECOMBINANT GENE DELIVERY VECTORS
; FOR TREATING OR PREVENTING DISEASES OF THE EYE
; FILE REFERENCE: PP1588.005 (20263.40)
; CURRENT APPLICATION NUMBER: US/09/665,493B
; CURRENT FILING DATE: 2000-09-20
; NUMBER OF SEQ ID NOS: 12
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
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; LENGTH: 210
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-663-493B-7

Query Match
Best Local Similarity 14.4%; Score 30; DB 2; Length 210;
Matches 30; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 115 HPDPACSFRELLLEDGYNVYQSEAHGLPL 144
|||||
DB 116 HPDPACSFRELLLEDGYNVYQSEAHGLPL 145
|||||

RESULT 9
US-09-390-207-41
; Sequence 41, Application US/09390207
; Patent No. 6504530
; GENERAL INFORMATION:
; APPLICANT: Thomason, Arlen
; APPLICANT: Liu, Benxian
; TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
; FILE REFERENCE: 99-371
; CURRENT APPLICATION NUMBER: US/09/390,207
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: Patentin Ver. 2.0
; SEQ ID NO 41
; LENGTH: 28
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-390-207-41

Query Match
Best Local Similarity 13.4%; Score 28; DB 2; Length 28;
Matches 28; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MDSDETFEHSGLWVSLAGLLGACQ 28
|||||
DB 1 MDSDETFEHSGLWVSLAGLLGACQ 28
|||||

RESULT 10
US-09-715-805-7
; Sequence 7, Application US/09715805
; Patent No. 6716626
; GENERAL INFORMATION:
; APPLICANT: Itoh, No. 6716626uyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/09/715,805
; CURRENT FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 7
; LENGTH: 16
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-715-805-7

Query Match
Best Local Similarity 7.7%; Score 16; DB 2; Length 16;
Matches 16; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 45 RORYLYTDDAQOQTEAH 60
|||||
DB 1 RORYLYTDDAQOQTEAH 16
|||||

RESULT 11
US-09-715-805-8
; Sequence 8, Application US/09715805
; Patent No. 6716626
; GENERAL INFORMATION:
; APPLICANT: Itoh, No. 6716626uyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/09/715,805
; CURRENT FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-715-805-8

Query Match
Best Local Similarity 7.2%; Score 15; DB 2; Length 15;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 145 HLPCKSPHRDPAPR 159
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DB 1 HLPCKSPHRDPAPR 15
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RESULT 12
US-09-252-991A-19831
; Sequence 19831, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 19831
; LENGTH: 477
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-19831

Query Match
Best Local Similarity 3.8%; Score 8; DB 2; Length 477;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 155 DPAPRGPA 162
|||||
DB 155 DPAPRGPA 162
|||||

RESULT 13
US-09-902-540-16018
; Sequence 16018, Application US/09902540
; Patent No. 6833447
; GENERAL INFORMATION:
; APPLICANT: Goldman, Barry S.
; APPLICANT: Hinkle, Gregory J.
; APPLICANT: Slater, Steven C.
; APPLICANT: Wiegand, Roger C.
; TITLE OF INVENTION: Myxococcus xanthus Genome Sequences and Uses Thereof
; FILE REFERENCE: 38-10(15849)B
; CURRENT APPLICATION NUMBER: US/09/902,540
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 60/217,883
; PRIOR FILING DATE: 2000-07-10
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NUMBER OF SEQ ID NOS: 16825
SEQ ID NO 16018
LENGTH: 564
TYPE: PRT
ORGANISM: Myxococcus xanthus
US-09-902-540-16018

Query Match 3.3%; Score 8; DB 2; Length 564;
Best Local Similarity 100.0%; Pred. No. 31;
Matches 8; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 17 VLGLLLG 24
Db 483 VLAGLLG 490

RESULT 14

US-08-602-999A-394
Sequence 394, Application US/08602999A
Patent No. 6184205
GENERAL INFORMATION:

APPLICANT: SPARKS, Andrew B.
APPLICANT: KAY, Brian K.
APPLICANT: THORN, Judith M.
APPLICANT: QUILLIAM, Lawrence A.
APPLICANT: DER, Channing J.
APPLICANT: FOWKES, Dana M.
APPLICANT: RIDER, James E.
TITLE OF INVENTION: SH3 BINDING PEPTIDES AND METHODS OF
TITLE OF INVENTION: ISOLATING AND USING SAME
NUMBER OF SEQUENCES: 467
CORRESPONDENCE ADDRESS:

ADDRESSEE: Pennie & Edmonds
STREET: 1155 Avenue of the Americas
CITY: New York
STATE: New York
COUNTRY: U.S.A.
ZIP: 10036-2711

COMPUTER READABLE FORM: disk
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patent In Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/602,999A
FILING DATE: 16-FEB-1996
CLASSIFICATION: 435

ATTORNEY/AGENT INFORMATION:
NAME: Misrock, S. Leslie
REGISTRATION NUMBER: 18,872
REFERENCE/DOCKET NUMBER: 1101-202
TELECOMMUNICATION INFORMATION:
TELEPHONE: (212) 790-9090
TELEFAX: (212) 869-9741/8864
TELEX: 66141 PENNIE

INFORMATION FOR SEQ ID NO: 394:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 amino acids
TYPE: amino acid
TOPOLOGY: unknown
MOLECULE TYPE: peptide

US-08-602-999A-394

Query Match 3.3%; Score 7; DB 2; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.9;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 167 LPGLPPA 173
Db 7 LPGLPPA 13

RESULT 15

US-09-009-953-10
Sequence 10, Application US/09009953
Patent No. 6413517
GENERAL INFORMATION:
APPLICANT: Sette, Alessandro
TITLE OF INVENTION: Identification of Broadly
NUMBER OF SEQUENCES: 274
CORRESPONDENCE ADDRESS:

ADDRESSEE: Townsend and Crew LLP
STREET: Two Embarcadero Center, Eighth Floor
CITY: San Francisco
STATE: CA
COUNTRY: USA
ZIP: 94111-3834

COMPUTER READABLE FORM:
MEDIUM TYPE: Diskette
COMPUTER: IBM Compatible
OPERATING SYSTEM: DOS
SOFTWARE: FastSeq for Windows Version 2.0
CURRENT APPLICATION DATA:

APPLICATION NUMBER: US/09/009,953
FILING DATE: 21-Jan-1998
CLASSIFICATION: <Unknown>

PRIOR APPLICATION DATA:
APPLICATION NUMBER: US 60/036,713
FILING DATE: 23-JAN-1997
APPLICATION NUMBER: US 60/037,432
FILING DATE: 07-FEB-1997

ATTORNEY/AGENT INFORMATION:
NAME: Weber, Ellen Lauver
REGISTRATION NUMBER: 32,762
REFERENCE/DOCKET NUMBER: 018623-011520US
TELECOMMUNICATION INFORMATION:
TELEPHONE: 415-576-0200
TELEFAX: 415-576-0300
TELEX: <Unknown>

INFORMATION FOR SEQ ID NO: 10:
SEQUENCE CHARACTERISTICS:
LENGTH: 15 amino acids
TYPE: amino acid
STRANDEDNESS: single
TOPOLOGY: linear
MOLECULE TYPE: peptide
SEQUENCE DESCRIPTION: SEQ ID NO: 10:
US-09-009-953-10

Query Match 3.3%; Score 7; DB 2; Length 15;
Best Local Similarity 100.0%; Pred. No. 8.9;
Matches 7; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

Qy 16 SVLAGLL 22
Db 9 SVLAGLL 15

Search completed: January 13, 2006, 17:34:06
Job time : 31 secs

GenCore version 5.1.6
Copyright (c) 1993 - 2006 Compugen Ltd.

OM protein - protein search, using sw model

Run on: January 13, 2006, 17:05:18 ; Search time 18.871 Seconds
(without alignments)
65.717 Million cell updates/sec

Title: US-10-060-765-8

Perfect score: 89

Sequence: 1 HLPGNKSPHRDPAPR 15

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 572060 seqs, 82675679 residues

Total number of hits satisfying chosen parameters: 572060

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database :

- Issued Patents AA:*
- 1: /cgn2_6/prodata/1/iaa/5 COMB.pep.*
 - 2: /cgn2_6/prodata/1/iaa/6 COMB.pep.*
 - 3: /cgn2_6/prodata/1/iaa/H COMB.pep.*
 - 4: /cgn2_6/prodata/1/iaa/PCTUS COMB.pep.*
 - 5: /cgn2_6/prodata/1/iaa/RE COMB.pep.*
 - 6: /cgn2_6/prodata/1/iaa/backfiles1.pep.*

*pred, No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	89	100.0	15	2	US-09-715-805-8
2	89	100.0	181	2	US-09-390-207-5
3	89	100.0	209	2	US-09-390-207-2
4	89	100.0	209	2	US-09-715-805-4
5	57	64.0	1419	2	US-09-252-991A-31822
6	51	57.3	133	2	US-09-252-991A-22856
7	51	57.3	187	2	US-09-252-991A-18109
8	46	51.7	286	2	US-09-252-991A-29952
9	46	51.7	307	2	US-09-252-991A-21588
10	46	51.7	330	2	US-09-252-991A-25664
11	46	51.7	392	2	US-09-270-767-35161
12	46	51.7	392	2	US-09-270-767-50378
13	45	50.6	209	2	US-09-252-991A-30648
14	45	50.6	601	2	US-09-252-991A-23280
15	45	50.6	632	2	US-09-252-991A-24235
16	45	50.6	689	2	US-09-949-016-11276
17	45	50.6	802	2	US-10-012-231A-260
18	45	50.6	802	2	US-10-015-389A-260
19	45	50.6	802	2	US-10-006-768A-260
20	45	50.6	802	2	US-10-015-671A-260
21	45	50.6	802	2	US-10-015-393A-260
22	45	50.6	802	2	US-10-011-833A-260
23	45	50.6	802	2	US-10-006-041A-260
24	45	50.6	802	2	US-10-012-064A-260
25	45	50.6	1294	1	US-08-819-288-3
26	45	50.6	1294	2	US-09-400-348-3
27	45	50.6	1321	1	US-08-261-822A-3

28	45	50.6	1321	4	PCT-US95-07744A-3	Sequence 3, Appli
29	44.5	50.0	372	2	US-09-252-991A-32717	Sequence 32717, A
30	44.5	50.0	545	2	US-09-538-092-59	Sequence 59, Appl
31	44	49.4	372	2	US-09-252-991A-23226	Sequence 23226, A
32	44	49.4	441	2	US-09-252-991A-27502	Sequence 27502, A
33	44	49.4	490	2	US-09-489-039A-8325	Sequence 8325, Ap
34	44	49.4	552	1	US-07-999-280A-22	Sequence 22, Appl
35	44	49.4	552	1	US-08-426-279-22	Sequence 24, Appl
36	44	49.4	552	1	US-08-426-279-22	Sequence 22, Appl
37	44	49.4	552	1	US-08-401-013-24	Sequence 22, Appl
38	44	49.4	552	1	US-08-401-013-24	Sequence 22, Appl
39	44	49.4	552	2	US-08-426-570-22	Sequence 22, Appl
40	44	49.4	552	2	US-08-426-570-22	Sequence 24, Appl
41	44	49.4	552	2	US-08-426-570-22	Sequence 22, Appl
42	44	49.4	552	2	US-08-425-876-22	Sequence 24, Appl
43	44	49.4	552	2	US-08-426-243-22	Sequence 22, Appl
44	44	49.4	552	2	US-08-426-243-22	Sequence 24, Appl
45	44	49.4	552	2	US-08-426-243-22	Sequence 24, Appl

ALIGNMENTS

RESULT 1

US-09-715-805-8
; Sequence 8, Application US/09715805
; Patent No. 6716626
; GENERAL INFORMATION:
; APPLICANT: Itoh, No. 6716626uyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/09/715,805
; CURRENT FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-715-805-8

Query Match 100.0%; Score 89; DB 2; Length 15;
Best Local Similarity 100.0%; Pred. No. 5.5e-07;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15

DB 1 HLPGNKSPHRDPAPR 15

RESULT 2

US-09-390-207-5
; Sequence 5, Application US/09390207
; Patent No. 6504530
; GENERAL INFORMATION:
; APPLICANT: Thomason, Arlen
; APPLICANT: Liu, Benxian
; TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides
; FILE REFERENCE: 99-371
; CURRENT APPLICATION NUMBER: US/09/390,207
; CURRENT FILING DATE: 1999-09-07
; NUMBER OF SEQ ID NOS: 41
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 5
; LENGTH: 181
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-390-207-5

Query Match 100.0%; Score 89; DB 2; Length 181;
Best Local Similarity 100.0%; Pred. No. 7.9e-06;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15

Db 117 HLPGNKSPHRDPAPR 131

RESULT 3

US-09-390-207-2

; Sequence 2, Application US/09390207

; Patent No. 6504530

; GENERAL INFORMATION:

; APPLICANT: Thomason, Arlen

; APPLICANT: Liu, Benxian

; TITLE OF INVENTION: Fibroblast Growth Factor-Like Polypeptides

; FILE REFERENCE: 99-371

; CURRENT APPLICATION NUMBER: US/09/390,207

; CURRENT FILING DATE: 1999-09-07

; NUMBER OF SEQ ID NOS: 41

; SOFTWARE: Patentin Ver. 2.0

; SEQ ID NO 2

; LENGTH: 209

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-390-207-2

Query Match

Best Local Similarity 100.0%; Score 89; DB 2; Length 209;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15

Db 145 HLPGNKSPHRDPAPR 159

RESULT 4

US-09-715-805-4

; Sequence 4, Application US/09715805

; Patent No. 6716626

; GENERAL INFORMATION:

; APPLICANT: Itoh, No. 6716626uyuki

; APPLICANT: Kavanaugh, W. Michael

; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION

; TITLE OF INVENTION: PRODUCTS

; FILE REFERENCE: PP-16758.001/201130.408

; CURRENT APPLICATION NUMBER: US/09/715,805

; CURRENT FILING DATE: 2000-11-16

; NUMBER OF SEQ ID NOS: 17

; SOFTWARE: FastSeq for Windows Version 4.0

; SEQ ID NO 4

; LENGTH: 209

; TYPE: PRT

; ORGANISM: Homo sapiens

US-09-715-805-4

Query Match

Best Local Similarity 100.0%; Score 89; DB 2; Length 209;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15

Db 145 HLPGNKSPHRDPAPR 159

RESULT 5

US-09-252-991A-31822

; Sequence 31822, Application US/09252991A

; Patent No. 6551795

; GENERAL INFORMATION:

; APPLICANT: Marc J. Rubenfield et al.

; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

; FILE REFERENCE: 107196.136

; CURRENT APPLICATION NUMBER: US/09/252,991A

; CURRENT FILING DATE: 1999-02-18

; PRIOR APPLICATION NUMBER: US 60/074,788

; PRIOR FILING DATE: 1998-02-18

; PRIOR APPLICATION NUMBER: US 60/094,190

; PRIOR FILING DATE: 1998-07-27

; NUMBER OF SEQ ID NOS: 33142

; SEQ ID NO 31822

; LENGTH: 1419

; TYPE: PRT

; ORGANISM: Pseudomonas aeruginosa

US-09-252-991A-31822

Query Match

Best Local Similarity 64.0%; Score 57; DB 2; Length 1419;

Matches 10; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15

Db 25 HLPRAQPHRRPAPR 39

RESULT 6

US-09-252-991A-22856

; Sequence 22856, Application US/09252991A

; Patent No. 6551795

; GENERAL INFORMATION:

; APPLICANT: Marc J. Rubenfield et al.

; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

; FILE REFERENCE: 107196.136

; CURRENT APPLICATION NUMBER: US/09/252,991A

; CURRENT FILING DATE: 1999-02-18

; PRIOR APPLICATION NUMBER: US 60/074,788

; PRIOR FILING DATE: 1998-02-18

; PRIOR APPLICATION NUMBER: US 60/094,190

; PRIOR FILING DATE: 1998-07-27

; NUMBER OF SEQ ID NOS: 33142

; SEQ ID NO 22856

; LENGTH: 133

; TYPE: PRT

; ORGANISM: Pseudomonas aeruginosa

US-09-252-991A-22856

Query Match

Best Local Similarity 57.3%; Score 51; DB 2; Length 133;

Matches 10; Conservative 0; Mismatches 5; Indels 2; Gaps 1;

QY 1 HLPGN--KSPHRDPAPR 15

Db 109 HRPGTAAASEPHRRSPAPR 125

RESULT 7

US-09-252-991A-18109

; Sequence 18109, Application US/09252991A

; Patent No. 6551795

; GENERAL INFORMATION:

; APPLICANT: Marc J. Rubenfield et al.

; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS

; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS

; FILE REFERENCE: 107196.136

; CURRENT APPLICATION NUMBER: US/09/252,991A

; CURRENT FILING DATE: 1999-02-18

; PRIOR APPLICATION NUMBER: US 60/074,788

; PRIOR FILING DATE: 1998-02-18

; PRIOR APPLICATION NUMBER: US 60/094,190

; PRIOR FILING DATE: 1998-07-27

; NUMBER OF SEQ ID NOS: 33142

; SEQ ID NO 18109

; LENGTH: 187

; TYPE: PRT

; ORGANISM: Pseudomonas aeruginosa

US-09-252-991A-18109

Query Match 57.3%; Score 51; DB 2; Length 187;
Best Local Similarity 57.1%; Pred. No. 3.5;
Matches 8; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAP 14
Db 89 HRPGRHRPHDPAP 102

RESULT 8

US-09-252-991A-29952
; Sequence 29952, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 29952
; LENGTH: 286
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-29952

Query Match 51.7%; Score 46; DB 2; Length 286;
Best Local Similarity 53.3%; Pred. No. 30;
Matches 8; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAP 15
Db 35 HLPGRDAHRDPAPR 49

RESULT 9

US-09-252-991A-21588
; Sequence 21588, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 21588
; LENGTH: 307
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-21588

Query Match 51.7%; Score 46; DB 2; Length 307;
Best Local Similarity 61.5%; Pred. No. 32;
Matches 8; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

QY 3 PGKNSPHRDPA 15
Db 100 PGDRPPGRRPAPR 112

RESULT 10

US-09-252-991A-25664
; Sequence 25664, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 25664
; LENGTH: 330
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-25664

Query Match 51.7%; Score 46; DB 2; Length 330;
Best Local Similarity 53.8%; Pred. No. 35;
Matches 7; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

QY 3 PGKNSPHRDPA 15
Db 5 PAGRPRPQPOPR 17

RESULT 11

US-09-270-767-35161
; Sequence 35161, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 35161
; LENGTH: 392
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
; FEATURE:
; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-35161

Query Match 51.7%; Score 46; DB 2; Length 392;
Best Local Similarity 66.7%; Pred. No. 42;
Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 2 LPGNKSPHRDPA 13
Db 303 LPGNRPYRGPA 314

RESULT 12

US-09-270-767-50378
; Sequence 50378, Application US/09270767
; Patent No. 6703491
; GENERAL INFORMATION:
; APPLICANT: Homburger et al.
; TITLE OF INVENTION: Nucleic acids and proteins of Drosophila melanogaster
; FILE REFERENCE: File Reference: 7326-094
; CURRENT APPLICATION NUMBER: US/09/270,767
; CURRENT FILING DATE: 1999-03-17
; NUMBER OF SEQ ID NOS: 62517
; SOFTWARE: PatentIn Ver. 2.0
; SEQ ID NO 50378

```
; LENGTH: 392
; TYPE: PRT
; ORGANISM: Drosophila melanogaster
; FEATURE:
; OTHER INFORMATION: Xaa means any amino acid
US-09-270-767-50378

Query Match      51.7%; Score 46; DB 2; Length 392;
Best Local Similarity 66.7%; Pred. No. 42;
Matches 8; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

Qy 2 LFGNKSPPHDPAP 13
Db 303 LFGNRPYRGPA 314

RESULT 13
US-09-252-991A-30648
; Sequence 30648, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 30648
; LENGTH: 209
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-30648

Query Match      50.6%; Score 45; DB 2; Length 209;
Best Local Similarity 58.3%; Pred. No. 30;
Matches 7; Conservative 2; Mismatches 3; Indels 0; Gaps 0;

Qy 3 PGKNSPPHDPAP 14
Db 81 PGGRATHDPAP 92

RESULT 14
US-09-252-991A-23280
; Sequence 23280, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 23280
; LENGTH: 601
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-23280

Query Match      50.6%; Score 45; DB 2; Length 601;
Best Local Similarity 53.3%; Pred. No. 93;
Matches 8; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

Qy 3 PGKNSPPHDPAP 15
Db 567 PGKQPHGPHGP 579

RESULT 15
US-09-252-991A-24235
; Sequence 24235, Application US/09252991A
; Patent No. 6551795
; GENERAL INFORMATION:
; APPLICANT: Marc J. Rubenfield et al.
; TITLE OF INVENTION: NUCLEIC ACID AND AMINO ACID SEQUENCES RELATING TO PSEUDOMONAS
; TITLE OF INVENTION: AERUGINOSA FOR DIAGNOSTICS AND THERAPEUTICS
; FILE REFERENCE: 107196.136
; CURRENT APPLICATION NUMBER: US/09/252,991A
; CURRENT FILING DATE: 1999-02-18
; PRIOR APPLICATION NUMBER: US 60/074,788
; PRIOR FILING DATE: 1998-02-18
; PRIOR APPLICATION NUMBER: US 60/094,190
; PRIOR FILING DATE: 1998-07-27
; NUMBER OF SEQ ID NOS: 33142
; SEQ ID NO 24235
; LENGTH: 632
; TYPE: PRT
; ORGANISM: Pseudomonas aeruginosa
US-09-252-991A-24235

Query Match      50.6%; Score 45; DB 2; Length 632;
Best Local Similarity 53.3%; Pred. No. 98;
Matches 8; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

Qy 1 HLPGNKSPHDPAP 15
Db 16 HLPAGAADHAPPAP 30

RESULT 16
US-09-949-016-11276
; Sequence 11276, Application US/09949016
; Patent No. 6812339
; GENERAL INFORMATION:
; APPLICANT: VENTER, J. Craig et al.
; TITLE OF INVENTION: POLYMORPHISMS IN KNOWN GENES ASSOCIATED
; TITLE OF INVENTION: WITH HUMAN DISEASE, METHODS OF DETECTION AND USES THEREOF
; FILE REFERENCE: CL001307
; CURRENT APPLICATION NUMBER: US/09/949,016
; CURRENT FILING DATE: 2000-04-14
; PRIOR APPLICATION NUMBER: 60/241,755
; PRIOR FILING DATE: 2000-10-20
; PRIOR APPLICATION NUMBER: 60/237,768
; PRIOR FILING DATE: 2000-10-03
; PRIOR APPLICATION NUMBER: 60/231,498
; PRIOR FILING DATE: 2000-09-08
; NUMBER OF SEQ ID NOS: 207012
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 11276
; LENGTH: 689
; TYPE: PRT
; ORGANISM: Human
US-09-949-016-11276

Query Match      50.6%; Score 45; DB 2; Length 689;
Best Local Similarity 53.8%; Pred. No. 1.1e+02;
Matches 7; Conservative 1; Mismatches 5; Indels 0; Gaps 0;

Qy 3 PGKNSPPHDPAP 15
Db 567 PGKQPHGPHGP 579

RESULT 17
US-10-012-231A-260
; Sequence 260, Application US/10012231A
```

```
/ Patent No. 6924355
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830PIC23
/ CURRENT APPLICATION NUMBER: US/10/012,231A
/ CURRENT FILING DATE: 2002-06-10
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 260
/ LENGTH: 802
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-012-231A-260

Query Match 50.6%; Score 45; DB 2; Length 802;
Best Local Similarity 63.6%; Pred. No. 1.3e+02;
Matches 7; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

OY 2 LPGNKSPPHDP 12
DB 519 LPGSKSEHKEP 529

RESULT 18
US-10-015-389A-260
/ Sequence 260, Application US/10015389A
/ Patent No. 6936436
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830PIC48
/ CURRENT APPLICATION NUMBER: US/10/015,389A
/ CURRENT FILING DATE: 2002-06-25
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
/ SEQ ID NO 260
/ LENGTH: 802
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-015-389A-260

Query Match 50.6%; Score 45; DB 2; Length 802;
Best Local Similarity 63.6%; Pred. No. 1.3e+02;
Matches 7; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

OY 2 LPGNKSPPHDP 12
DB 519 LPGSKSEHKEP 529

RESULT 19
US-10-006-768A-260
/ Sequence 260, Application US/10006768A
/ Patent No. 6936697
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830PIC10
/ CURRENT APPLICATION NUMBER: US/10/006,768A
/ CURRENT FILING DATE: 2002-03-05
/ NUMBER OF SEQ ID NOS: 477
/ Prior Application removed - See File Wrapper or Palm
/ SEQ ID NO 260
/ LENGTH: 802
/ TYPE: PRT
/ ORGANISM: Homo sapiens
US-10-006-768A-260

Query Match 50.6%; Score 45; DB 2; Length 802;
Best Local Similarity 63.6%; Pred. No. 1.3e+02;
Matches 7; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

OY 2 LPGNKSPPHDP 12
DB 519 LPGSKSEHKEP 529

RESULT 20
US-10-015-671A-260
/ Sequence 260, Application US/10015671A
/ Patent No. 6946263
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Botstein, David
/ APPLICANT: Desnovers, Luc
/ APPLICANT: Eaton, Dan I.
/ APPLICANT: Ferrara, Napoleone
/ APPLICANT: Fong, Sherman
/ APPLICANT: Gao, Wei-Qiang
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, Christopher J.
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Hillan, Kenneth J.
/ APPLICANT: Pan, James
/ APPLICANT: Paoni, Nicholas F.
/ TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
/ FILE REFERENCE: P2830PIC47
/ CURRENT APPLICATION NUMBER: US/10/015,671A
/ CURRENT FILING DATE: 2001-12-11
/ Prior Application removed - See File Wrapper or Palm
/ NUMBER OF SEQ ID NOS: 477
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; SEQ ID NO 260
; LENGTH: 802
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-015-671A-260

Query Match 50.6%; Score 45; DB 2; Length 802;
Best Local Similarity 63.6%; Pred. No. 1.3e+02;
Matches 7; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2 LPGNKSPPHDP 12
|||:|:|:|:|:|
Db 519 LPGSKSEHKEP 529

RESULT 21

US-10-015-393A-260
; Sequence 260, Application US/10015393A
; Patent No. 6951737
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC46
; CURRENT APPLICATION NUMBER: US/10/015,393A
; CURRENT FILING DATE: 2002-06-10
; Prior Application removed - See File Wrapper or Palm

; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 260
; LENGTH: 802
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-015-393A-260

Query Match 50.6%; Score 45; DB 2; Length 802;
Best Local Similarity 63.6%; Pred. No. 1.3e+02;
Matches 7; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2 LPGNKSPPHDP 12
|||:|:|:|:|:|
Db 519 LPGSKSEHKEP 529

RESULT 22

US-10-011-833A-260
; Sequence 260, Application US/10011833A
; Patent No. 6951920
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.

; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.
; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC22
; CURRENT APPLICATION NUMBER: US/10/011,833A
; CURRENT FILING DATE: 2002-06-25
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 260
; LENGTH: 802
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-011-833A-260

Query Match 50.6%; Score 45; DB 2; Length 802;
Best Local Similarity 63.6%; Pred. No. 1.3e+02;
Matches 7; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2 LPGNKSPPHDP 12
|||:|:|:|:|:|
Db 519 LPGSKSEHKEP 529

RESULT 23

US-10-006-041A-260
; Sequence 260, Application US/10006041A
; Patent No. 6951921
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc
; APPLICANT: Eaton, Dan I.
; APPLICANT: Ferrara, Napoleone
; APPLICANT: Fong, Sherman
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Hillan, Kenneth J.
; APPLICANT: Pan, James
; APPLICANT: Paoni, Nicholas F.

; TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
; FILE REFERENCE: P2830PIC8
; CURRENT APPLICATION NUMBER: US/10/006,041A
; CURRENT FILING DATE: 2001-12-06
; Prior Application removed - See File Wrapper or Palm
; NUMBER OF SEQ ID NOS: 477
; SEQ ID NO 260
; LENGTH: 802
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-006-041A-260

Query Match 50.6%; Score 45; DB 2; Length 802;
Best Local Similarity 63.6%; Pred. No. 1.3e+02;
Matches 7; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

QY 2 LPGNKSPPHDP 12
|||:~|:~|:~|:~|
Db 519 LPGSKSEHKEP 529

RESULT 24

US-10-012-064A-260
; Sequence 260, Application US/10012064A
; Patent No. 6953841
; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.
; APPLICANT: Botstein, David
; APPLICANT: Desnoyers, Luc

APPLICANT: Eaton, Dan L.
APPLICANT: Ferrara, Napoleone
APPLICANT: Fong, Sherman
APPLICANT: Gao, Wei-Qiang
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, Christopher J.
APPLICANT: Gurney, Austin L.
APPLICANT: Hillan, Kenneth J.
APPLICANT: Pan, James
APPLICANT: Paoni, Nicholas F.
TITLE OF INVENTION: Secreted and Transmembrane Polypeptides and Nucleic
FILE REFERENCE: P2830P1C19
CURRENT APPLICATION NUMBER: US/10/012,064A
CURRENT FILING DATE: 2002-07-15
PRIOR APPLICATION NUMBER: 60/098716
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098723
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098749
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098750
PRIOR FILING DATE: 1998-09-01
PRIOR APPLICATION NUMBER: 60/098803
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098821
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/098843
PRIOR FILING DATE: 1998-09-02
PRIOR APPLICATION NUMBER: 60/099536
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099596
PRIOR FILING DATE: 1998-09-09
PRIOR APPLICATION NUMBER: 60/099598
PRIOR FILING DATE: 1998-09-09
Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 477
SEQ ID NO 260
LENGTH: 802
TYPE: PRT
ORGANISM: Homo sapiens
US-10-012-064A-260

Query Match 50.6%; Score 45; DB 2; Length 802;
Best Local Similarity 63.6%; Pred. No. 1.3e+02;
Matches 7; Conservative 3; Mismatches 1; Indels 0; Gaps 0;

Qy 2 LPGNKSHPHDP 12
Db 519 LPGSKSEHKEP 529

RESULT 25
US-08-819-288-3
Sequence 3, Application US/08819288
Patent No. 5955652
GENERAL INFORMATION:
APPLICANT: Ecker, Joseph
APPLICANT: Alonso, Jose
TITLE OF INVENTION: PLANT GENES FOR SENSITIVITY TO ETHYLENE
TITLE OF INVENTION: AND PATHOGENS
NUMBER OF SEQUENCES: 19
CORRESPONDENCE ADDRESS:
ADDRESSEE: Woodcock Washburn Kurtz Mackiewicz & No. 5955652 is
STREET: One Liberty Place - 46th Floor
CITY: Philadelphia
STATE: PA
COUNTRY: USA
ZIP: 19103
COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible

OPERATING SYSTEM: PC-DOS/MS-DOS
SOFTWARE: Patentin Release #1.0, Version #1.30
CURRENT APPLICATION DATA:
APPLICATION NUMBER: US/08/819,288
FILING DATE:
CLASSIFICATION: 435
ATTORNEY/AGENT INFORMATION:
NAME: Beardell, Lori Y.
REGISTRATION NUMBER: 34,293
REFERENCE/DOCKET NUMBER: UPN-2949
TELECOMMUNICATION INFORMATION:
TELEPHONE: 215-568-3100
TELEFAX: 215-568-3439
INFORMATION FOR SEQ ID NO: 3:
SEQUENCE CHARACTERISTICS:
LENGTH: 1294 amino acids
TYPE: amino acid
TOPOLOGY: linear
MOLECULE TYPE: protein
US-08-819-288-3
Query Match 50.6%; Score 45; DB 1; Length 1294;
Best Local Similarity 61.5%; Pred. No. 2.1e+02;
Matches 8; Conservative 2; Mismatches 3; Indels 0; Gaps 0;
Qy 1 HLPGNKSPHRDPA 13
Db 939 HLPNNKSGYWDPS 951
Search completed: January 13, 2006, 17:22:54
Job time : 18.871 secs

GenCore version 5.1.6
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OM protein - protein search, using sw model

Run on: January 13, 2006, 17:21:33 ; Search time 53.7097 Seconds
(without alignments)
116.691 Million cell updates/sec

Title: US-10-060-765-8

Perfect score: 89
Sequence: 1 HLPGNKSPHRDPAPR 15

Scoring table: BLOSUM62
Gapop 10.0 , Gapext 0.5

Searched: 1867569 seqs, 417829326 residues

Total number of hits satisfying chosen parameters: 1867569

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications AA Main:

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Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	89	100.0	15	4	US-10-060-765-8
2	89	100.0	15	4	US-10-818-140-8
3	89	100.0	15	5	US-10-771-173-8
4	89	100.0	68	3	US-09-801-968-36
5	89	100.0	68	3	US-09-802-154-36
6	89	100.0	136	3	US-09-901-938-33
7	89	100.0	136	4	US-10-379-334-33
8	89	100.0	183	5	US-10-659-004-54
9	89	100.0	208	3	US-09-755-695-2
10	89	100.0	208	4	US-10-227-884-78
11	89	100.0	208	4	US-10-230-163-78
12	89	100.0	208	4	US-10-230-338-78
13	89	100.0	208	4	US-10-218-631-78
14	89	100.0	208	4	US-10-230-414-78
15	89	100.0	208	4	US-10-232-224-78
16	89	100.0	208	4	US-10-216-159A-78
17	89	100.0	208	4	US-10-218-849-78
18	89	100.0	208	4	US-10-227-873-78
19	89	100.0	208	4	US-10-227-883-78
20	89	100.0	208	4	US-10-219-076-78
21	89	100.0	208	4	US-10-230-434-78
22	89	100.0	208	4	US-10-219-003-78
23	89	100.0	208	4	US-10-219-075-78
24	89	100.0	208	4	US-10-219-464-78
25	89	100.0	208	4	US-10-219-466-78
26	89	100.0	208	4	US-10-219-479-78
27	89	100.0	208	4	US-10-219-481-78

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28 89 100.0 208 4 US-10-230-260-78 Sequence 78, Appl
29 89 100.0 208 4 US-10-232-231-78 Sequence 78, Appl
30 89 100.0 208 4 US-10-232-233-78 Sequence 78, Appl
31 89 100.0 208 4 US-10-216-165-78 Sequence 78, Appl
32 89 100.0 208 4 US-10-218-956-78 Sequence 78, Appl
33 89 100.0 208 4 US-10-219-468-78 Sequence 78, Appl
34 89 100.0 208 4 US-10-219-478-78 Sequence 78, Appl
35 89 100.0 208 4 US-10-219-536-78 Sequence 78, Appl
36 89 100.0 208 4 US-10-233-205-78 Sequence 78, Appl
37 89 100.0 208 4 US-10-219-072-78 Sequence 78, Appl
38 89 100.0 208 4 US-10-219-470-78 Sequence 78, Appl
39 89 100.0 208 4 US-10-219-474-78 Sequence 78, Appl
40 89 100.0 208 4 US-10-219-528-78 Sequence 78, Appl
41 89 100.0 208 4 US-10-219-528-78 Sequence 78, Appl
42 89 100.0 208 4 US-10-227-880-78 Sequence 78, Appl
43 89 100.0 208 4 US-10-227-881-78 Sequence 78, Appl
44 89 100.0 208 4 US-10-227-882-78 Sequence 78, Appl
45 89 100.0 208 4 US-10-230-436-78 Sequence 78, Appl

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ALIGNMENTS

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RESULT 1
US-10-060-765-8
; Sequence 8, Application US/10060765
; Publication No. US20020164713A1
; GENERAL INFORMATION:
; APPLICANT: Itch, No. US20020164713Aluyuki
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/10/060,765
; CURRENT FILING DATE: 2002-01-29
; PRIOR APPLICATION NUMBER: US/09/715,805
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-060-765-8

Query Match 100.0%; Score 89; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.4e-05;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15
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DB 1 HLPGNKSPHRDPAPR 15

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US-10-818-140-8
; Sequence 8, Application US/10818140
; Publication No. US20040185494A1
; GENERAL INFORMATION:
; APPLICANT: Itch, Nobuyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/10/818,140
; CURRENT FILING DATE: 2004-04-05
; PRIOR APPLICATION NUMBER: US/09/715,805
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 15
; TYPE: PRT

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US-09-802-154-36
; ORGANISM: Homo sapiens
; US-10-818-140-8
Query Match 100.0%; Score 89; DB 4; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.4e-05;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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Db 1 HLPGNKSPHRDPAPR 15
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RESULT 3
US-10-771-173-8
; Sequence 8, Application US/10771173
; Publication No. US2005037457A1
; GENERAL INFORMATION:
; APPLICANT: Itoh, Nobuyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN FGF-21 GENE AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: PP-16758.001/201130.408
; CURRENT APPLICATION NUMBER: US/10/771,173
; CURRENT FILING DATE: 2004-02-03
; PRIOR APPLICATION NUMBER: US/09/715,805
; PRIOR FILING DATE: 2000-11-16
; NUMBER OF SEQ ID NOS: 17
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 8
; LENGTH: 15
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-771-173-8
Query Match 100.0%; Score 89; DB 5; Length 15;
Best Local Similarity 100.0%; Pred. No. 1.4e-05;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 HLPGNKSPHRDPAPR 15
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Db 1 HLPGNKSPHRDPAPR 15
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RESULT 4
US-09-801-968-36
; Sequence 36, Application US/09801968
; Patent No. US20020082205A1
; GENERAL INFORMATION:
; APPLICANT: Itoh, No. US20020082205A1uyuki
; APPLICANT: Kavanaugh, W. Michael
; TITLE OF INVENTION: HUMAN FGF-23 GENE AND GENE EXPRESSION
; TITLE OF INVENTION: PRODUCTS
; FILE REFERENCE: PP-17150.001/201130.40301
; CURRENT APPLICATION NUMBER: US/09/801,968
; CURRENT FILING DATE: 2001-03-07
; NUMBER OF SEQ ID NOS: 46
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 36
; LENGTH: 68
; TYPE: PRT
; ORGANISM: Homo sapiens
US-09-801-968-36
Query Match 100.0%; Score 89; DB 3; Length 68;
Best Local Similarity 100.0%; Pred. No. 6.1e-05;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 HLPGNKSPHRDPAPR 15
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Db 4 HLPGNKSPHRDPAPR 18
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RESULT 5
US-09-801-968-36
; Sequence 36, Application US/09801968
; Patent No. US20020082205A1
; GENERAL INFORMATION:
; APPLICANT: ECONS, Michael
; APPLICANT: WHITE, Kenneth
; APPLICANT: STROM, Tim
; APPLICANT: MEITINGER, Thomas
; TITLE OF INVENTION: NOVEL FIBROBLAST GROWTH FACTOR (FGF23) AND METHODS FOR USE
; FILE REFERENCE: 053884-5001
; CURRENT APPLICATION NUMBER: US/09/901,938
; CURRENT FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 60/219,137
; PRIOR FILING DATE: 2000-07-19
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 33
; LENGTH: 136
; TYPE: PRT
; ORGANISM: Homo Sapiens
US-09-901-938-33
Query Match 100.0%; Score 89; DB 3; Length 136;
Best Local Similarity 100.0%; Pred. No. 0.00012;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 HLPGNKSPHRDPAPR 15
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Db 107 HLPGNKSPHRDPAPR 121
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RESULT 7
US-10-379-334-33
; Sequence 33, Application US/10379334
; Publication No. US20030181379A1
; GENERAL INFORMATION:
; APPLICANT: ECONS, Michael
; APPLICANT: WHITE, Kenneth
; APPLICANT: STROM, Tim
; APPLICANT: MEITINGER, Thomas
; TITLE OF INVENTION: NOVEL FIBROBLAST GROWTH FACTOR (FGF23) AND METHODS FOR USE
; FILE REFERENCE: 053884-5001
; CURRENT APPLICATION NUMBER: US/10/379,334
; CURRENT FILING DATE: 2003-03-04

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; PRIOR APPLICATION NUMBER: US/09/901,938
; PRIOR FILING DATE: 2001-07-10
; PRIOR APPLICATION NUMBER: 60/219,137
; PRIOR FILING DATE: 2000-07-19
; NUMBER OF SEQ ID NOS: 34
; SOFTWARE: PatentIn version 3.0
; SEQ ID NO 33
; LENGTH: 136
; TYPE: PRT
; ORGANISM: Homo Sapiens
; US-10-379-334-33

Query Match          100.0%; Score 89; DB 4; Length 136;
Best Local Similarity 100.0%; Pred. No. 0.00012;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15
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Db 107 HLPGNKSPHRDPAPR 121

RESULT 8
US-10-659-004-54
; Sequence 54, Application US/10659004
; Publication No. US20050048507A1
; GENERAL INFORMATION:
; APPLICANT: Zhong et al.
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: 21402-608
; CURRENT APPLICATION NUMBER: US/10/659,004
; CURRENT FILING DATE: 2003-09-09
; PRIOR APPLICATION NUMBER: 60/295,607
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/295,661
; PRIOR FILING DATE: 2001-06-04
; PRIOR APPLICATION NUMBER: 60/296,404
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/296,418
; PRIOR FILING DATE: 2001-06-06
; PRIOR APPLICATION NUMBER: 60/297,414
; PRIOR FILING DATE: 2001-06-11
; PRIOR APPLICATION NUMBER: 60/297,567
; PRIOR FILING DATE: 2001-06-12
; PRIOR APPLICATION NUMBER: 60/298,285
; PRIOR FILING DATE: 2001-06-14
; PRIOR APPLICATION NUMBER: 60/298,556
; PRIOR FILING DATE: 2001-06-15
; PRIOR APPLICATION NUMBER: 60/299,949
; PRIOR FILING DATE: 2001-06-21
; PRIOR APPLICATION NUMBER: 60/300,883
; PRIOR FILING DATE: 2001-06-26
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 187
; SOFTWARE: CuroSeqList version 0.1
; SEQ ID NO 54
; LENGTH: 183
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-10-659-004-54

Query Match          100.0%; Score 89; DB 5; Length 183;
Best Local Similarity 100.0%; Pred. No. 0.00016;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15
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Db 117 HLPGNKSPHRDPAPR 131

RESULT 9
US-09-755-695-2
; Sequence 2, Application US/09755695
; Patent No. US20020081663A1
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; GENERAL INFORMATION:
; APPLICANT: Conklin, Darrell C.
; APPLICANT: Chen, Zhi
; TITLE OF INVENTION: NOVEL FGF HOMOLOG ZFGF11
; FILE REFERENCE: 00-03
; CURRENT APPLICATION NUMBER: US/09/755,695
; CURRENT FILING DATE: 2001-05-11
; PRIOR APPLICATION NUMBER: US 60/174,526
; PRIOR FILING DATE: 2000-01-05
; NUMBER OF SEQ ID NOS: 6
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 2
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo sapiens
; US-09-755-695-2

Query Match          100.0%; Score 89; DB 3; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.00018;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15
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Db 144 HLPGNKSPHRDPAPR 158

RESULT 10
US-10-227-884-78
; Sequence 78, Application US/10227884
; Publication No. US20030027988A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3530PIC79
; CURRENT APPLICATION NUMBER: US/10/227,884
; CURRENT FILING DATE: 2002-08-26
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
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PRIOR FILING DATE: 1998-09-24	PRIOR APPLICATION NUMBER: 60/106178
PRIOR FILING DATE: 1998-10-28	PRIOR APPLICATION NUMBER: 60/106248
PRIOR FILING DATE: 1998-10-29	PRIOR APPLICATION NUMBER: 60/106464
PRIOR FILING DATE: 1998-10-30	PRIOR APPLICATION NUMBER: 60/106905
PRIOR FILING DATE: 1998-11-03	PRIOR APPLICATION NUMBER: 60/108787
PRIOR FILING DATE: 1998-11-17	PRIOR APPLICATION NUMBER: 60/108801
PRIOR FILING DATE: 1998-11-17	PRIOR APPLICATION NUMBER: 60/108849
PRIOR FILING DATE: 1998-11-18	PRIOR APPLICATION NUMBER: 60/112422
PRIOR FILING DATE: 1998-12-15	PRIOR APPLICATION NUMBER: 60/113296
PRIOR FILING DATE: 1998-12-22	PRIOR APPLICATION NUMBER: 60/113605
PRIOR FILING DATE: 1998-12-23	PRIOR APPLICATION NUMBER: 60/113621
PRIOR FILING DATE: 1998-12-23	PRIOR APPLICATION NUMBER: 60/115558
PRIOR FILING DATE: 1999-01-12	PRIOR APPLICATION NUMBER: 60/115565
PRIOR FILING DATE: 1999-01-12	PRIOR APPLICATION NUMBER: 60/115733
PRIOR FILING DATE: 1999-01-12	PRIOR APPLICATION NUMBER: 60/119549
PRIOR FILING DATE: 1999-02-10	PRIOR APPLICATION NUMBER: 60/123618
PRIOR FILING DATE: 1999-03-10	PRIOR APPLICATION NUMBER: 60/125259
PRIOR FILING DATE: 1999-03-19	PRIOR APPLICATION NUMBER: 60/125775
PRIOR FILING DATE: 1999-03-23	PRIOR APPLICATION NUMBER: 60/126773
PRIOR FILING DATE: 1999-03-29	PRIOR APPLICATION NUMBER: 60/127887
PRIOR FILING DATE: 1999-04-05	PRIOR APPLICATION NUMBER: 60/130232
PRIOR FILING DATE: 1999-04-21	PRIOR APPLICATION NUMBER: 60/131022
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PRIOR FILING DATE: 1999-06-22	PRIOR APPLICATION NUMBER: 60/140723
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PRIOR FILING DATE: 1999-07-20	PRIOR APPLICATION NUMBER: 60/145698
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1 PRIOR APPLICATION NUMBER: 60/164418
2 PRIOR FILING DATE: 1998-11-09
3 PRIOR APPLICATION NUMBER: 60/166361
4 PRIOR FILING DATE: 1998-11-16
5 PRIOR APPLICATION NUMBER: 60/169445
6 PRIOR FILING DATE: 1999-12-07
7 PRIOR APPLICATION NUMBER: 60/169495
8 PRIOR FILING DATE: 1999-12-07
9 PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 89; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.00018; Mismatches 0; Indels 0; Gaps 0;
Matches 15; Conservative 0;

QY 1 HLPGNKSPHRDPAPR 15
Db 144 HLPGNKSPHRDPAPR 158

RESULT 11

US-10-230-163-78
Sequence 78, Application US/10230163
Publication No. US2003036635A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Desnoyers, Luc
APPLICANT: Gerritsen, Mary
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Stephan, Jean-Philippe F.
APPLICANT: Watanabe, Colin L.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3530PIC96
CURRENT APPLICATION NUMBER: US/10/230,163
CURRENT FILING DATE: 2002-08-28
PRIOR APPLICATION NUMBER: 10/119,480
PRIOR FILING DATE: 2002-04-09
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063549
PRIOR FILING DATE: 1997-10-28
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PRIOR FILING DATE: 1998-04-22
PRIOR APPLICATION NUMBER: 60/084441
PRIOR FILING DATE: 1998-05-06
PRIOR APPLICATION NUMBER: 60/085323
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PRIOR FILING DATE: 1998-05-15
PRIOR APPLICATION NUMBER: 60/086392

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22 PRIOR APPLICATION NUMBER: 60/095916
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54 PRIOR APPLICATION NUMBER: 60/100919
55 PRIOR FILING DATE: 1998-09-17
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69 PRIOR FILING DATE: 1998-10-28
70 PRIOR APPLICATION NUMBER: 60/106248
71 PRIOR FILING DATE: 1998-10-29
72 PRIOR APPLICATION NUMBER: 60/106464
73 PRIOR FILING DATE: 1998-10-30

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; PRIOR APPLICATION NUMBER: 60/106905
; PRIOR FILING DATE: 1998-11-03
; PRIOR APPLICATION NUMBER: 60/108787
; PRIOR FILING DATE: 1998-11-17
; PRIOR APPLICATION NUMBER: 60/108801
; PRIOR FILING DATE: 1998-11-17
; PRIOR APPLICATION NUMBER: 60/108849
; PRIOR FILING DATE: 1998-11-18
; PRIOR APPLICATION NUMBER: 60/112422
; PRIOR FILING DATE: 1998-12-15
; PRIOR APPLICATION NUMBER: 60/113296
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/113605
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113621
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/115558
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/115565
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/115733
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/119549
; PRIOR FILING DATE: 1999-02-10
; PRIOR APPLICATION NUMBER: 60/123618
; PRIOR FILING DATE: 1999-03-10
; PRIOR APPLICATION NUMBER: 60/125259
; PRIOR FILING DATE: 1999-03-19
; PRIOR APPLICATION NUMBER: 60/125775
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/126773
; PRIOR FILING DATE: 1999-03-29
; PRIOR APPLICATION NUMBER: 60/127887
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 60/130232
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: 60/131022
; PRIOR FILING DATE: 1999-04-26
; PRIOR APPLICATION NUMBER: 60/131270
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131291
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; PRIOR APPLICATION NUMBER: 60/131445
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 60/134287
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 60/140650
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/140723
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/141037
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 60/144758
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/145698
; PRIOR FILING DATE: 1999-07-26
; PRIOR APPLICATION NUMBER: 60/146222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: 60/146963
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/149320
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/149638
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/151733
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 60/164418
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/166361
; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/169445
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169495
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; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

Query Match      100.0%; Score 89; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.00018;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 HLPGNKSPHRDPAPR 15
DB      144 HLPGNKSPHRDPAPR 158

RESULT 12
US-10-230-338-78
; Sequence 78, Application US/10230338
; Publication No. US20030044934A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Geritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C92
; CURRENT APPLICATION NUMBER: US/10/230,338
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 78
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-230-338-78

Query Match      100.0%; Score 89; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.00018;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 HLPGNKSPHRDPAPR 15
DB      144 HLPGNKSPHRDPAPR 158

RESULT 13
US-10-218-631-78
; Sequence 78, Application US/10218631
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PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 246
SEQ ID NO 78
LENGTH: 208
TYPE: PRT
ORGANISM: Homo Sapien
US-10-232-224-78

Query Match 100.0%; Score 89; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.00018;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15
Db 144 HLPGNKSPHRDPAPR 158

RESULT 16
US-10-216-159A-78
Sequence 78, Application US/10216159A
Publication No. US20030069397A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Desnoyers, Luc
APPLICANT: Gerritsen, Mary
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Stephan, Jean-Philippe F.
APPLICANT: Watanabe, Colin L.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3530PIC6
CURRENT FILING DATE: 2002-08-09
PRIOR APPLICATION NUMBER: 10/119,480
PRIOR FILING DATE: 2002-04-09
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17
PRIOR APPLICATION NUMBER: 60/062287
PRIOR FILING DATE: 1997-10-17
PRIOR APPLICATION NUMBER: 60/063549
PRIOR FILING DATE: 1997-10-28
PRIOR APPLICATION NUMBER: 60/064103
PRIOR FILING DATE: 1997-10-31
PRIOR APPLICATION NUMBER: 60/069873
PRIOR FILING DATE: 1997-12-17
PRIOR APPLICATION NUMBER: 60/078910
PRIOR FILING DATE: 1998-03-20
PRIOR APPLICATION NUMBER: 60/079294
PRIOR FILING DATE: 1998-03-25
PRIOR APPLICATION NUMBER: 60/079656
PRIOR FILING DATE: 1998-03-26
PRIOR APPLICATION NUMBER: 60/079728
PRIOR FILING DATE: 1998-03-27
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 246
SEQ ID NO 78
LENGTH: 208
TYPE: PRT
ORGANISM: Homo Sapien
US-10-216-159A-78

Query Match 100.0%; Score 89; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.00018;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15
Db 144 HLPGNKSPHRDPAPR 158

RESULT 17
US-10-218-849-78
Sequence 78, Application US/10218849
Publication No. US20030073814A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Desnoyers, Luc
APPLICANT: Gerritsen, Mary
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Stephan, Jean-Philippe F.
APPLICANT: Watanabe, Colin L.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3530PIC11
CURRENT APPLICATION NUMBER: US/10/218,849
CURRENT FILING DATE: 2002-08-12
Prior Application removed - See File Wrapper or PALM
NUMBER OF SEQ ID NOS: 246
SEQ ID NO 78
LENGTH: 208
TYPE: PRT
ORGANISM: Homo Sapien
US-10-218-849-78

Query Match 100.0%; Score 89; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.00018;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15
Db 144 HLPGNKSPHRDPAPR 158

RESULT 18
US-10-227-873-78
Sequence 78, Application US/10227873
Publication No. US20030073816A1
GENERAL INFORMATION:
APPLICANT: Baker, Kevin P.
APPLICANT: Desnoyers, Luc
APPLICANT: Gerritsen, Mary
APPLICANT: Goddard, Audrey
APPLICANT: Godowski, Paul J.
APPLICANT: Grimaldi, J. Christopher
APPLICANT: Gurney, Austin L.
APPLICANT: Smith, Victoria
APPLICANT: Stephan, Jean-Philippe F.
APPLICANT: Watanabe, Colin L.
APPLICANT: Wood, William I.
TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
FILE REFERENCE: P3530PIC72
CURRENT APPLICATION NUMBER: US/10/227,873
CURRENT FILING DATE: 2002-08-26
PRIOR APPLICATION NUMBER: 10/119,480
PRIOR FILING DATE: 2002-04-09
PRIOR APPLICATION NUMBER: 60/059113
PRIOR FILING DATE: 1997-09-17

PRIOR FILING DATE: 1998-09-11
PRIOR APPLICATION NUMBER: 60/100385
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100390
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100627
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100848
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100919
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/101477
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101738
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101741
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101786
PRIOR FILING DATE: 1998-09-25
PRIOR APPLICATION NUMBER: 60/101916
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101922
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/106178
PRIOR FILING DATE: 1998-10-28
PRIOR APPLICATION NUMBER: 60/106248
PRIOR FILING DATE: 1998-10-29
PRIOR APPLICATION NUMBER: 60/106464
PRIOR FILING DATE: 1998-10-30
PRIOR APPLICATION NUMBER: 60/106905
PRIOR FILING DATE: 1998-11-03
PRIOR APPLICATION NUMBER: 60/108787
PRIOR FILING DATE: 1998-11-17
PRIOR APPLICATION NUMBER: 60/108801
PRIOR FILING DATE: 1998-11-17
PRIOR APPLICATION NUMBER: 60/108849
PRIOR FILING DATE: 1998-11-18
PRIOR APPLICATION NUMBER: 60/112422
PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: 60/113296
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/113605
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113621
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/115733
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/115558
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/115565
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/115733
PRIOR FILING DATE: 1999-01-12
PRIOR APPLICATION NUMBER: 60/119549
PRIOR FILING DATE: 1999-02-10
PRIOR APPLICATION NUMBER: 60/123618
PRIOR FILING DATE: 1999-03-10
PRIOR APPLICATION NUMBER: 60/125259
PRIOR FILING DATE: 1999-03-19
PRIOR APPLICATION NUMBER: 60/125775
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/126773
PRIOR FILING DATE: 1999-03-29
PRIOR APPLICATION NUMBER: 60/127887
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 60/130232
PRIOR FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: 60/131022
PRIOR FILING DATE: 1999-04-26
PRIOR APPLICATION NUMBER: 60/131270
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131291
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131445
PRIOR FILING DATE: 1999-04-28

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/ PRIOR APPLICATION NUMBER: 60/134287
/ PRIOR FILING DATE: 1999-05-14
/ PRIOR APPLICATION NUMBER: 60/140650
/ PRIOR FILING DATE: 1999-06-22
/ PRIOR APPLICATION NUMBER: 60/140723
/ PRIOR FILING DATE: 1999-06-22
/ PRIOR APPLICATION NUMBER: 60/141037
/ PRIOR FILING DATE: 1999-06-23
/ PRIOR APPLICATION NUMBER: 60/144758
/ PRIOR FILING DATE: 1999-07-20
/ PRIOR APPLICATION NUMBER: 60/145698
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/ PRIOR APPLICATION NUMBER: 60/146222
/ PRIOR FILING DATE: 1999-07-28
/ PRIOR APPLICATION NUMBER: 60/146963
/ PRIOR FILING DATE: 1999-08-03
/ PRIOR APPLICATION NUMBER: 60/149320
/ PRIOR FILING DATE: 1999-08-17
/ PRIOR APPLICATION NUMBER: 60/149638
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/ PRIOR APPLICATION NUMBER: 60/151733
/ PRIOR FILING DATE: 1999-08-31
/ PRIOR APPLICATION NUMBER: 60/164418
/ PRIOR FILING DATE: 1999-11-09
/ PRIOR APPLICATION NUMBER: 60/166361
/ PRIOR FILING DATE: 1999-11-16
/ PRIOR APPLICATION NUMBER: 60/169445
/ PRIOR FILING DATE: 1999-12-07
/ PRIOR APPLICATION NUMBER: 60/169495
/ PRIOR FILING DATE: 1999-12-07
/ PRIOR APPLICATION NUMBER: 60/169835

Query Match          100.0%; Score 89; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.00018;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY      1 HLPGNKSPHRDPAPR 15
Db      144 HLPGNKSPHRDPAPR 158

RESULT 19
US-10-227-883-78
/ Sequence 78, Application US/10227883
/ Publication No. US20030073817A1
/ GENERAL INFORMATION:
/ APPLICANT: Baker, Kevin P.
/ APPLICANT: Desnoyers, Luc
/ APPLICANT: Gerritsen, Mary
/ APPLICANT: Goddard, Audrey
/ APPLICANT: Godowski, Paul J.
/ APPLICANT: Grimaldi, J. Christopher
/ APPLICANT: Gurney, Austin L.
/ APPLICANT: Smith, Victoria
/ APPLICANT: Stephan, Jean-Philippe F.
/ APPLICANT: Watanabe, Colin L.
/ APPLICANT: Wood, William I.
/ TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
/ FILE REFERENCE: P350P1C78
/ CURRENT APPLICATION NUMBER: US/10/227,883
/ CURRENT FILING DATE: 2002-08-26
/ PRIOR APPLICATION NUMBER: 10/119,480
/ PRIOR FILING DATE: 2002-04-09
/ PRIOR APPLICATION NUMBER: 60/059113
/ PRIOR FILING DATE: 1997-09-17
/ PRIOR APPLICATION NUMBER: 60/062287
/ PRIOR FILING DATE: 1997-10-17
/ PRIOR APPLICATION NUMBER: 60/063549
/ PRIOR FILING DATE: 1997-10-28
/ PRIOR APPLICATION NUMBER: 60/064103
/ PRIOR FILING DATE: 1997-10-31
/ PRIOR APPLICATION NUMBER: 60/069873

/ PRIOR FILING DATE: 1997-12-17
/ PRIOR APPLICATION NUMBER: 60/078910
/ PRIOR FILING DATE: 1998-03-20
/ PRIOR APPLICATION NUMBER: 60/079294
/ PRIOR FILING DATE: 1998-03-25
/ PRIOR APPLICATION NUMBER: 60/079656
/ PRIOR FILING DATE: 1998-03-26
/ PRIOR APPLICATION NUMBER: 60/079728
/ PRIOR FILING DATE: 1998-03-27
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/ PRIOR FILING DATE: 1998-04-15
/ PRIOR APPLICATION NUMBER: 60/081955
/ PRIOR FILING DATE: 1998-04-15
/ PRIOR APPLICATION NUMBER: 60/082804
/ PRIOR FILING DATE: 1998-04-22
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/ PRIOR FILING DATE: 1998-05-06
/ PRIOR APPLICATION NUMBER: 60/085323
/ PRIOR FILING DATE: 1998-05-13
/ PRIOR APPLICATION NUMBER: 60/085579
/ PRIOR FILING DATE: 1998-05-15
/ PRIOR APPLICATION NUMBER: 60/086392
/ PRIOR FILING DATE: 1998-05-22
/ PRIOR APPLICATION NUMBER: 60/089532
/ PRIOR FILING DATE: 1998-06-17
/ PRIOR APPLICATION NUMBER: 60/089538
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/ PRIOR FILING DATE: 1998-06-18
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/ PRIOR FILING DATE: 1998-06-25
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/ PRIOR FILING DATE: 1998-06-25
/ PRIOR APPLICATION NUMBER: 60/091982
/ PRIOR FILING DATE: 1998-07-07
/ PRIOR APPLICATION NUMBER: 60/095302
/ PRIOR FILING DATE: 1998-08-04
/ PRIOR APPLICATION NUMBER: 60/095318
/ PRIOR FILING DATE: 1998-08-04
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/ PRIOR FILING DATE: 1998-09-10
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/ PRIOR FILING DATE: 1998-09-10
/ PRIOR APPLICATION NUMBER: 60/099816
/ PRIOR FILING DATE: 1998-09-10
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/ PRIOR FILING DATE: 1998-09-11
/ PRIOR APPLICATION NUMBER: 60/100385
/ PRIOR FILING DATE: 1998-09-15
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/ PRIOR FILING DATE: 1998-09-15
/ PRIOR APPLICATION NUMBER: 60/100627
/ PRIOR FILING DATE: 1998-09-16
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;; PRIOR APPLICATION NUMBER: 60/100848
;; PRIOR FILING DATE: 1998-09-18
;; PRIOR APPLICATION NUMBER: 60/100919
;; PRIOR FILING DATE: 1998-09-17
;; PRIOR APPLICATION NUMBER: 60/101477
;; PRIOR FILING DATE: 1998-09-23
;; PRIOR APPLICATION NUMBER: 60/101738
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;; PRIOR FILING DATE: 1998-09-25
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;; PRIOR FILING DATE: 1998-09-24
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;; PRIOR APPLICATION NUMBER: 60/106178
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;; PRIOR APPLICATION NUMBER: 60/106905
;; PRIOR FILING DATE: 1998-11-03
;; PRIOR APPLICATION NUMBER: 60/108787
;; PRIOR FILING DATE: 1998-11-17
;; PRIOR APPLICATION NUMBER: 60/108801
;; PRIOR FILING DATE: 1998-11-17
;; PRIOR APPLICATION NUMBER: 60/108849
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;; PRIOR FILING DATE: 1998-12-23
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;; PRIOR APPLICATION NUMBER: 60/115733
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;; PRIOR APPLICATION NUMBER: 60/119549
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;; PRIOR APPLICATION NUMBER: 60/123618
;; PRIOR FILING DATE: 1999-03-10
;; PRIOR APPLICATION NUMBER: 60/125259
;; PRIOR FILING DATE: 1999-03-19
;; PRIOR APPLICATION NUMBER: 60/125775
;; PRIOR FILING DATE: 1999-03-23
;; PRIOR APPLICATION NUMBER: 60/126773
;; PRIOR FILING DATE: 1999-03-29
;; PRIOR APPLICATION NUMBER: 60/127887
;; PRIOR FILING DATE: 1999-04-05
;; PRIOR APPLICATION NUMBER: 60/130232
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;; PRIOR APPLICATION NUMBER: 60/131022
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;; PRIOR FILING DATE: 1999-05-14
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;; PRIOR FILING DATE: 1999-06-23
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;; PRIOR FILING DATE: 1999-07-20
;; PRIOR APPLICATION NUMBER: 60/145698
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;; PRIOR FILING DATE: 1999-07-28
;; PRIOR APPLICATION NUMBER: 60/146963
;; PRIOR FILING DATE: 1999-08-03
;; PRIOR APPLICATION NUMBER: 60/149320
;; PRIOR FILING DATE: 1999-08-17
;; PRIOR APPLICATION NUMBER: 60/149638
;; PRIOR FILING DATE: 1999-08-17
;; PRIOR APPLICATION NUMBER: 60/151733
;; PRIOR FILING DATE: 1999-08-31
;; PRIOR APPLICATION NUMBER: 60/164418
;; PRIOR FILING DATE: 1999-11-09
;; PRIOR APPLICATION NUMBER: 60/166361
;; PRIOR FILING DATE: 1999-11-16
;; PRIOR APPLICATION NUMBER: 60/169445
;; PRIOR FILING DATE: 1999-12-07
;; PRIOR APPLICATION NUMBER: 60/169495
;; PRIOR FILING DATE: 1999-12-07
;; PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 89; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.00018;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15
Db 144 HLPGNKSPHRDPAPR 158

RESULT 20

US-10-219-076-78
; Sequence 78, Application US/10219076
; Publication NO. US20030078379A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC62
; CURRENT APPLICATION NUMBER: US/10/219,076
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26


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; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 78
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-076-78

Query Match          100.0%; Score 89; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.00018; Indels 0; Gaps 0;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15
Db 144 HLPGNKSPHRDPAPR 158

RESULT 21
US-10-230-434-78
; Sequence 78, Application US/10230434
; Publication No. US20030078380A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC82
; CURRENT APPLICATION NUMBER: US/10/230,434
; CURRENT FILING DATE: 2002-08-28
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086392
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089905
; PRIOR FILING DATE: 1998-06-18
; PRIOR APPLICATION NUMBER: 60/090472
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090557
; PRIOR FILING DATE: 1998-06-24
; PRIOR APPLICATION NUMBER: 60/090691
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/090695
; PRIOR FILING DATE: 1998-06-25
; PRIOR APPLICATION NUMBER: 60/091982
; PRIOR FILING DATE: 1998-07-07
; PRIOR APPLICATION NUMBER: 60/095302
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095318
; PRIOR FILING DATE: 1998-08-04
; PRIOR APPLICATION NUMBER: 60/095916
; PRIOR FILING DATE: 1998-08-10
; PRIOR APPLICATION NUMBER: 60/096146
; PRIOR FILING DATE: 1998-08-11
; PRIOR APPLICATION NUMBER: 60/096791
; PRIOR FILING DATE: 1998-08-17
; PRIOR APPLICATION NUMBER: 60/097986
; PRIOR FILING DATE: 1998-08-26
; PRIOR APPLICATION NUMBER: 60/098544
; PRIOR FILING DATE: 1998-08-31
; PRIOR APPLICATION NUMBER: 60/099596
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099598
; PRIOR FILING DATE: 1998-09-09
; PRIOR APPLICATION NUMBER: 60/099803
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099811
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099812
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/099816
; PRIOR FILING DATE: 1998-09-10
; PRIOR APPLICATION NUMBER: 60/100038
; PRIOR FILING DATE: 1998-09-11
; PRIOR APPLICATION NUMBER: 60/100385
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100390
; PRIOR FILING DATE: 1998-09-15
; PRIOR APPLICATION NUMBER: 60/100627
; PRIOR FILING DATE: 1998-09-16
; PRIOR APPLICATION NUMBER: 60/100848
; PRIOR FILING DATE: 1998-09-18
; PRIOR APPLICATION NUMBER: 60/100919
; PRIOR FILING DATE: 1998-09-17
; PRIOR APPLICATION NUMBER: 60/101477
; PRIOR FILING DATE: 1998-09-23
; PRIOR APPLICATION NUMBER: 60/101738
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101741
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101786
; PRIOR FILING DATE: 1998-09-25
; PRIOR APPLICATION NUMBER: 60/101916
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/101922
; PRIOR FILING DATE: 1998-09-24
; PRIOR APPLICATION NUMBER: 60/106178
; PRIOR FILING DATE: 1998-10-28
; PRIOR APPLICATION NUMBER: 60/106248
; PRIOR FILING DATE: 1998-10-29
; PRIOR APPLICATION NUMBER: 60/106464
; PRIOR FILING DATE: 1998-10-30
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; PRIOR APPLICATION NUMBER: 60/106905
; PRIOR FILING DATE: 1998-11-03
; PRIOR APPLICATION NUMBER: 60/108787
; PRIOR FILING DATE: 1998-11-17
; PRIOR APPLICATION NUMBER: 60/108801
; PRIOR FILING DATE: 1998-11-17
; PRIOR APPLICATION NUMBER: 60/108849
; PRIOR FILING DATE: 1998-11-18
; PRIOR APPLICATION NUMBER: 60/112422
; PRIOR FILING DATE: 1998-12-15
; PRIOR APPLICATION NUMBER: 60/113296
; PRIOR FILING DATE: 1998-12-22
; PRIOR APPLICATION NUMBER: 60/113605
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/113621
; PRIOR FILING DATE: 1998-12-23
; PRIOR APPLICATION NUMBER: 60/115558
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/115565
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/115733
; PRIOR FILING DATE: 1999-01-12
; PRIOR APPLICATION NUMBER: 60/119549
; PRIOR FILING DATE: 1999-02-10
; PRIOR APPLICATION NUMBER: 60/123618
; PRIOR FILING DATE: 1999-03-10
; PRIOR APPLICATION NUMBER: 60/125259
; PRIOR FILING DATE: 1999-03-19
; PRIOR APPLICATION NUMBER: 60/125775
; PRIOR FILING DATE: 1999-03-23
; PRIOR APPLICATION NUMBER: 60/126773
; PRIOR FILING DATE: 1999-03-29
; PRIOR APPLICATION NUMBER: 60/127887
; PRIOR FILING DATE: 1999-04-05
; PRIOR APPLICATION NUMBER: 60/130232
; PRIOR FILING DATE: 1999-04-21
; PRIOR APPLICATION NUMBER: 60/131022
; PRIOR FILING DATE: 1999-04-26
; PRIOR APPLICATION NUMBER: 60/131270
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131291
; PRIOR FILING DATE: 1999-04-27
; PRIOR APPLICATION NUMBER: 60/131445
; PRIOR FILING DATE: 1999-04-28
; PRIOR APPLICATION NUMBER: 60/134287
; PRIOR FILING DATE: 1999-05-14
; PRIOR APPLICATION NUMBER: 60/140650
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/140723
; PRIOR FILING DATE: 1999-06-22
; PRIOR APPLICATION NUMBER: 60/141037
; PRIOR FILING DATE: 1999-06-23
; PRIOR APPLICATION NUMBER: 60/144758
; PRIOR FILING DATE: 1999-07-20
; PRIOR APPLICATION NUMBER: 60/145698
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; PRIOR APPLICATION NUMBER: 60/146222
; PRIOR FILING DATE: 1999-07-28
; PRIOR APPLICATION NUMBER: 60/146963
; PRIOR FILING DATE: 1999-08-03
; PRIOR APPLICATION NUMBER: 60/149320
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/149638
; PRIOR FILING DATE: 1999-08-17
; PRIOR APPLICATION NUMBER: 60/151733
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 60/164418
; PRIOR FILING DATE: 1999-11-09
; PRIOR APPLICATION NUMBER: 60/166361
; PRIOR FILING DATE: 1999-11-16
; PRIOR APPLICATION NUMBER: 60/169445
; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169495

; PRIOR FILING DATE: 1999-12-07
; PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 89; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.00018;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDAPR 15
Db 144 HLPGNKSPHRDAPR 158

RESULT 22
US-10-219-003-78
; Sequence 78, Application US/10219003
; Publication No. US20030088063A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Desnoyers, Luc
; APPLICANT: Gerritsen, Mary
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530PIC12
; CURRENT APPLICATION NUMBER: US/10/219,003
; CURRENT FILING DATE: 2002-08-12
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: 60/081819
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/081955
; PRIOR FILING DATE: 1998-04-15
; PRIOR APPLICATION NUMBER: 60/082804
; PRIOR FILING DATE: 1998-04-22
; PRIOR APPLICATION NUMBER: 60/084441
; PRIOR FILING DATE: 1998-05-06
; PRIOR APPLICATION NUMBER: 60/085323
; PRIOR FILING DATE: 1998-05-13
; PRIOR APPLICATION NUMBER: 60/085579
; PRIOR FILING DATE: 1998-05-15
; PRIOR APPLICATION NUMBER: 60/086392
; PRIOR FILING DATE: 1998-05-22
; PRIOR APPLICATION NUMBER: 60/089532
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089538
; PRIOR FILING DATE: 1998-06-17
; PRIOR APPLICATION NUMBER: 60/089905
; PRIOR FILING DATE: 1998-06-18

PRIOR APPLICATION NUMBER: 60/090472
PRIOR FILING DATE: 1998-06-24
PRIOR APPLICATION NUMBER: 60/090557
PRIOR FILING DATE: 1998-06-24
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PRIOR FILING DATE: 1998-06-25
PRIOR APPLICATION NUMBER: 60/090695
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PRIOR APPLICATION NUMBER: 60/091982
PRIOR FILING DATE: 1998-07-07
PRIOR APPLICATION NUMBER: 60/095302
PRIOR FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: 60/095318
PRIOR FILING DATE: 1998-08-04
PRIOR APPLICATION NUMBER: 60/095916
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PRIOR FILING DATE: 1998-08-17
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PRIOR APPLICATION NUMBER: 60/098544
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PRIOR APPLICATION NUMBER: 60/099598
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PRIOR APPLICATION NUMBER: 60/099803
PRIOR FILING DATE: 1998-09-10
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PRIOR FILING DATE: 1998-09-10
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PRIOR FILING DATE: 1998-09-10
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PRIOR FILING DATE: 1998-09-11
PRIOR APPLICATION NUMBER: 60/100385
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100390
PRIOR FILING DATE: 1998-09-15
PRIOR APPLICATION NUMBER: 60/100627
PRIOR FILING DATE: 1998-09-16
PRIOR APPLICATION NUMBER: 60/100848
PRIOR FILING DATE: 1998-09-18
PRIOR APPLICATION NUMBER: 60/100919
PRIOR FILING DATE: 1998-09-17
PRIOR APPLICATION NUMBER: 60/101477
PRIOR FILING DATE: 1998-09-23
PRIOR APPLICATION NUMBER: 60/101738
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101741
PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/101786
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PRIOR FILING DATE: 1998-09-24
PRIOR APPLICATION NUMBER: 60/106178
PRIOR FILING DATE: 1998-10-28
PRIOR APPLICATION NUMBER: 60/106248
PRIOR FILING DATE: 1998-10-29
PRIOR APPLICATION NUMBER: 60/106464
PRIOR FILING DATE: 1998-10-30
PRIOR APPLICATION NUMBER: 60/106905
PRIOR FILING DATE: 1998-11-03
PRIOR APPLICATION NUMBER: 60/108787
PRIOR FILING DATE: 1998-11-17
PRIOR APPLICATION NUMBER: 60/108801
PRIOR FILING DATE: 1998-11-17
PRIOR APPLICATION NUMBER: 60/108849

PRIOR FILING DATE: 1998-11-18
PRIOR APPLICATION NUMBER: 60/112422
PRIOR FILING DATE: 1998-12-15
PRIOR APPLICATION NUMBER: 60/113296
PRIOR FILING DATE: 1998-12-22
PRIOR APPLICATION NUMBER: 60/113605
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/113621
PRIOR FILING DATE: 1998-12-23
PRIOR APPLICATION NUMBER: 60/115558
PRIOR FILING DATE: 1999-01-12
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PRIOR APPLICATION NUMBER: 60/119549
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PRIOR APPLICATION NUMBER: 60/123618
PRIOR FILING DATE: 1999-03-10
PRIOR APPLICATION NUMBER: 60/125259
PRIOR FILING DATE: 1999-03-19
PRIOR APPLICATION NUMBER: 60/125775
PRIOR FILING DATE: 1999-03-23
PRIOR APPLICATION NUMBER: 60/126773
PRIOR FILING DATE: 1999-03-29
PRIOR APPLICATION NUMBER: 60/127887
PRIOR FILING DATE: 1999-04-05
PRIOR APPLICATION NUMBER: 60/130232
PRIOR FILING DATE: 1999-04-21
PRIOR APPLICATION NUMBER: 60/131022
PRIOR FILING DATE: 1999-04-26
PRIOR APPLICATION NUMBER: 60/131270
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131291
PRIOR FILING DATE: 1999-04-27
PRIOR APPLICATION NUMBER: 60/131445
PRIOR FILING DATE: 1999-04-28
PRIOR APPLICATION NUMBER: 60/134287
PRIOR FILING DATE: 1999-05-14
PRIOR APPLICATION NUMBER: 60/140650
PRIOR FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: 60/140723
PRIOR FILING DATE: 1999-06-22
PRIOR APPLICATION NUMBER: 60/141037
PRIOR FILING DATE: 1999-06-23
PRIOR APPLICATION NUMBER: 60/144758
PRIOR FILING DATE: 1999-07-20
PRIOR APPLICATION NUMBER: 60/145698
PRIOR FILING DATE: 1999-07-26
PRIOR APPLICATION NUMBER: 60/146222
PRIOR FILING DATE: 1999-07-28
PRIOR APPLICATION NUMBER: 60/146963
PRIOR FILING DATE: 1999-08-03
PRIOR APPLICATION NUMBER: 60/149320
PRIOR FILING DATE: 1999-08-17
PRIOR APPLICATION NUMBER: 60/149638
PRIOR FILING DATE: 1999-08-17
PRIOR APPLICATION NUMBER: 60/151733
PRIOR FILING DATE: 1999-08-31
PRIOR APPLICATION NUMBER: 60/164418
PRIOR FILING DATE: 1999-11-09
PRIOR APPLICATION NUMBER: 60/166361
PRIOR FILING DATE: 1999-11-16
PRIOR APPLICATION NUMBER: 60/169445
PRIOR FILING DATE: 1999-12-07
PRIOR APPLICATION NUMBER: 60/169495
PRIOR FILING DATE: 1999-12-07
PRIOR APPLICATION NUMBER: 60/169835

Query Match 100.0%; Score 89; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.00018;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15
Db 144 HLPGNKSPHRDPAPR 158

RESULT 23

US-10-219-075-78

; Sequence 78, Application US/10219075

; Publication NO. US2003008064A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Desnoyers, Luc

; APPLICANT: Gerritsen, Mary

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Smith, Victoria

; APPLICANT: Stephan, Jean-Philippe F.

; APPLICANT: Watanabe, Colin L.

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3530P1C61

; CURRENT APPLICATION NUMBER: US/10/219,075

; CURRENT FILING DATE: 2002-08-14

; PRIOR APPLICATION NUMBER: 10/119,480

; PRIOR FILING DATE: 2002-04-09

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

; PRIOR APPLICATION NUMBER: 60/062287

; PRIOR FILING DATE: 1997-10-17

; PRIOR APPLICATION NUMBER: 60/063549

; PRIOR FILING DATE: 1997-10-28

; PRIOR APPLICATION NUMBER: 60/064103

; PRIOR FILING DATE: 1997-10-31

; PRIOR APPLICATION NUMBER: 60/069873

; PRIOR FILING DATE: 1997-12-17

; PRIOR APPLICATION NUMBER: 60/078910

; PRIOR FILING DATE: 1998-03-20

; PRIOR APPLICATION NUMBER: 60/079294

; PRIOR FILING DATE: 1998-03-25

; PRIOR APPLICATION NUMBER: 60/079656

; PRIOR FILING DATE: 1998-03-26

; PRIOR APPLICATION NUMBER: 60/079728

; PRIOR FILING DATE: 1998-03-27

; Remaining Prior Application data removed - See File Wrapper or PALM.

; NUMBER OF SEQ ID NOS: 246

; SEQ ID NO 78

; LENGTH: 208

; TYPE: PRT

; ORGANISM: Homo Sapien

US-10-219-075-78

Query Match

Best Local Similarity 100.0%; Score 89; DB 4; Length 208;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15
Db 144 HLPGNKSPHRDPAPR 158

RESULT 24

US-10-219-464-78

; Sequence 78, Application US/10219464

; Publication NO. US2003008064A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Desnoyers, Luc

; APPLICANT: Gerritsen, Mary

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher
; APPLICANT: Gurney, Austin L.
; APPLICANT: Smith, Victoria
; APPLICANT: Stephan, Jean-Philippe F.
; APPLICANT: Watanabe, Colin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3530P1C57
; CURRENT APPLICATION NUMBER: US/10/219,464
; CURRENT FILING DATE: 2002-08-14
; PRIOR APPLICATION NUMBER: 10/119,480
; PRIOR FILING DATE: 2002-04-09
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 78
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-464-78

Query Match

Best Local Similarity 100.0%; Score 89; DB 4; Length 208;

Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAPR 15
Db 144 HLPGNKSPHRDPAPR 158

RESULT 25

US-10-219-466-78

; Sequence 78, Application US/10219466

; Publication NO. US2003008066A1

; GENERAL INFORMATION:

; APPLICANT: Baker, Kevin P.

; APPLICANT: Desnoyers, Luc

; APPLICANT: Gerritsen, Mary

; APPLICANT: Goddard, Audrey

; APPLICANT: Godowski, Paul J.

; APPLICANT: Grimaldi, J. Christopher

; APPLICANT: Gurney, Austin L.

; APPLICANT: Smith, Victoria

; APPLICANT: Stephan, Jean-Philippe F.

; APPLICANT: Watanabe, Colin L.

; APPLICANT: Wood, William I.

; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC

; FILE REFERENCE: P3530P1C47

; CURRENT APPLICATION NUMBER: US/10/219,466

; CURRENT FILING DATE: 2002-08-13

; PRIOR APPLICATION NUMBER: 10/119,480

; PRIOR FILING DATE: 2002-04-09

; PRIOR APPLICATION NUMBER: 60/059113

; PRIOR FILING DATE: 1997-09-17

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; PRIOR APPLICATION NUMBER: 60/062287
; PRIOR FILING DATE: 1997-10-17
; PRIOR APPLICATION NUMBER: 60/063549
; PRIOR FILING DATE: 1997-10-28
; PRIOR APPLICATION NUMBER: 60/064103
; PRIOR FILING DATE: 1997-10-31
; PRIOR APPLICATION NUMBER: 60/069873
; PRIOR FILING DATE: 1997-12-17
; PRIOR APPLICATION NUMBER: 60/078910
; PRIOR FILING DATE: 1998-03-20
; PRIOR APPLICATION NUMBER: 60/079294
; PRIOR FILING DATE: 1998-03-25
; PRIOR APPLICATION NUMBER: 60/079656
; PRIOR FILING DATE: 1998-03-26
; PRIOR APPLICATION NUMBER: 60/079728
; PRIOR FILING DATE: 1998-03-27
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 246
; SEQ ID NO 78
; LENGTH: 208
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-219-466-78
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Query Match      100.0%; Score 89; DB 4; Length 208;
Best Local Similarity 100.0%; Pred. No. 0.00018;
Matches 15; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
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QY      1 HLPGNKSPHRDPAPR 15
Db      144 HLPGNKSPHRDPAPR 158
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Search completed: January 13, 2006, 17:33:03
Job time : 53.7097 secs
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GenCore version 5.1.6
Copyright (c) 1993 - 2006 Compugen Ltd.

OM protein - protein search, using sw model

Run On: January 13, 2006, 17:22:19 , Search time 5.32258 Seconds
(without alignments)
26.644 Million cell updates/sec

Title: US-10-060-765-8

Perfect score: 89

Sequence: 1 HLPGNKSPHRDPAPR 15

Scoring table: BLOSUM62

Gapop 10.0 , Gapext 0.5

Searched: 67062 seqs, 9454214 residues

Total number of hits satisfying chosen parameters: 67062

Minimum DB seq length: 0

Maximum DB seq length: 2000000000

Post-processing: Minimum Match 0%

Maximum Match 100%

Listing first 45 summaries

Database : Published Applications_AA_New.*

- 1: /cgn2_6/ptodata/2/pubppaa/US08_NEW_PUB.pep.*
- 2: /cgn2_6/ptodata/2/pubppaa/US06_NEW_PUB.pep.*
- 3: /cgn2_6/ptodata/2/pubppaa/US07_NEW_PUB.pep.*
- 4: /cgn2_6/ptodata/2/pubppaa/PCT_NEW_PUB.pep.*
- 5: /cgn2_6/ptodata/2/pubppaa/US05_NEW_PUB.pep.*
- 6: /cgn2_6/ptodata/2/pubppaa/US10_NEW_PUB.pep.*
- 7: /cgn2_6/ptodata/2/pubppaa/US11_NEW_PUB.pep.*
- 8: /cgn2_6/ptodata/2/pubppaa/US60_NEW_PUB.pep.*

Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

Result No.	Score	Query Match	Length	DB ID	Description
1	46	51.7	523	6	US-10-880-881-18
2	43	48.3	198	7	US-11-126-427-12
3	43	48.3	207	7	US-11-126-427-6
4	43	48.3	207	7	US-11-126-427-8
5	43	48.3	214	7	US-11-126-427-10
6	40	44.9	383	7	US-11-052-554A-299
7	40	44.9	490	7	US-11-063-343-31
8	40	44.9	1184	6	US-10-131-826A-394
9	40	44.9	1410	6	US-10-878-556A-136
10	40	44.9	1586	6	US-10-821-234-901
11	39	43.8	243	6	US-10-131-826A-362
12	39	43.8	871	7	US-11-109-157A-10
13	39	43.8	1103	7	US-11-109-157A-9
14	38.5	43.3	252	7	US-11-102-240-92
15	38	42.7	248	7	US-11-150-883-21
16	38	42.7	318	6	US-10-873-528-192
17	38	42.7	318	7	US-11-052-554A-233
18	38	42.7	591	6	US-10-770-726-71
19	38	42.7	895	7	US-11-150-406-2
20	38	42.7	920	6	US-10-821-234-1129
21	38	42.7	1375	6	US-10-995-561-809
22	38	42.7	1560	7	US-11-059-982-1
23	38	42.7	1735	7	US-11-040-472-13
24	38	42.7	1874	6	US-10-821-234-1182
25	37.5	42.1	599	7	US-11-109-157A-3

Sequence 1, Appli
Sequence 1547, Ap
Sequence 130, App
Sequence 39, Appl
Sequence 98, Appl
Sequence 316, App
Sequence 82, Appl
Sequence 1051, Ap
Sequence 21, Appl
Sequence 77, Appl
Sequence 70, Appl
Sequence 688, Ap
Sequence 213, App
Sequence 2122, Ap
Sequence 308, App
Sequence 309, App
Sequence 310, App
Sequence 769, App
Sequence 2, Appli
Sequence 20, Appli

ALIGNMENTS

RESULT 1
US-10-880-881-18
; Sequence 18, Application US/10880881
; Publication No. US20060003434A1
; GENERAL INFORMATION:
; APPLICANT: The Scripps Research Institute
; APPLICANT: Boddy, Michael N.
; APPLICANT: Blais, Veronique
; APPLICANT: Chen, Xiao-Bo
; APPLICANT: McGowan, Clare H.
; APPLICANT: Gaillard, Pierre-Henri L.
; APPLICANT: Russell, Paul
; TITLE OF INVENTION: MAMMALIAN ENDONUCLEASES AND METHODS OF
; TITLE OF INVENTION: USE
; FILE REFERENCE: TSRI-889.0
; CURRENT APPLICATION NUMBER: US/10/880,881
; CURRENT FILING DATE: 2004-06-30
; NUMBER OF SEQ ID NOS: 67
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 18
; LENGTH: 523
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-880-881-18

Query Match 51.7%; Score 46; DB 6; Length 523;
Best Local Similarity 66.7%; Pred. NO. 4.2;
Matches 8; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 3 PGNKSPHRDPAP 14
DB 114 PGLRVEHRAPAP 125

RESULT 2
US-11-126-427-12
; Sequence 12, Application US/11126427
; Publication No. US20050287564A1
; GENERAL INFORMATION:
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Gerlach, Valerie L.
; APPLICANT: Gorman, Linda
; APPLICANT: Majumder, Kumud
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Prayaga, Sudhirdas
; APPLICANT: Shinkets, Richard A.
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD

FILE REFERENCE: Cura 716 B CIP
CURRENT APPLICATION NUMBER: US/11/126,427
PRIOR FILING DATE: 2005-05-10
PRIOR APPLICATION NUMBER: 10/211,689
PRIOR FILING DATE: 2002-08-01
PRIOR APPLICATION NUMBER: 60/311751
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 60/310802
PRIOR FILING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: 60/310795
PRIOR FILING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: 60/311292
PRIOR FILING DATE: 2001-08-09
PRIOR APPLICATION NUMBER: 60/361159
PRIOR FILING DATE: 2002-02-28
PRIOR APPLICATION NUMBER: 60/373050
PRIOR FILING DATE: 2002-04-16
PRIOR APPLICATION NUMBER: 60/380970
PRIOR FILING DATE: 2002-05-15
PRIOR APPLICATION NUMBER: 60/311979
PRIOR FILING DATE: 2001-08-13
PRIOR APPLICATION NUMBER: 60/381030
PRIOR FILING DATE: 2002-05-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 57
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 12
LENGTH: 198
TYPE: PRT
ORGANISM: Homo sapiens
US-11-126-427-12

Query Match 48.3%; Score 43; DB 7; Length 198;
Best Local Similarity 57.1%; Pred. No. 4.5;
Matches 8; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2 LPGNKSPHRDPAPR 15

DB 22 LPGLPGRGPGR 35

RESULT 3
US-11-126-427-6
Sequence 6, Application US/11/126427
Publication No. US20050287564A1
GENERAL INFORMATION:
APPLICANT: Burgess, Catherine E.
APPLICANT: Gerlach, Valerie L.
APPLICANT: Gorman, Linda
APPLICANT: Majumder, Kumud
APPLICANT: Pena, Carol E.A.
APPLICANT: Prayaga, Sudhirdas
APPLICANT: Shinkets, Richard A.
APPLICANT: Smithson, Glenda
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
FILE REFERENCE: Cura 716 B CIP
CURRENT APPLICATION NUMBER: US/11/126,427
CURRENT FILING DATE: 2005-05-10
PRIOR APPLICATION NUMBER: 10/211,689
PRIOR FILING DATE: 2002-08-01
PRIOR APPLICATION NUMBER: 60/311751
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 60/310802
PRIOR FILING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: 60/310795
PRIOR FILING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: 60/311292
PRIOR FILING DATE: 2001-08-09
PRIOR APPLICATION NUMBER: 60/361159
PRIOR FILING DATE: 2002-02-28
PRIOR APPLICATION NUMBER: 60/373050
PRIOR FILING DATE: 2002-04-16
PRIOR APPLICATION NUMBER: 60/380970

PRIOR FILING DATE: 2002-05-15
PRIOR APPLICATION NUMBER: 60/311979
PRIOR FILING DATE: 2001-08-13
PRIOR APPLICATION NUMBER: 60/381030
PRIOR FILING DATE: 2002-05-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 57
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 6
LENGTH: 207
TYPE: PRT
ORGANISM: Homo sapiens
US-11-126-427-6

Query Match 48.3%; Score 43; DB 7; Length 207;
Best Local Similarity 57.1%; Pred. No. 4.7;
Matches 8; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2 LPGNKSPHRDPAPR 15

DB 34 LPGLPGRGPGR 47

RESULT 4

US-11-126-427-8
Sequence 8, Application US/11/126427
Publication No. US20050287564A1
GENERAL INFORMATION:
APPLICANT: Burgess, Catherine E.
APPLICANT: Gerlach, Valerie L.
APPLICANT: Gorman, Linda
APPLICANT: Majumder, Kumud
APPLICANT: Pena, Carol E.A.
APPLICANT: Prayaga, Sudhirdas
APPLICANT: Shinkets, Richard A.
APPLICANT: Smithson, Glenda
TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
FILE REFERENCE: Cura 716 B CIP
CURRENT APPLICATION NUMBER: US/11/126,427
CURRENT FILING DATE: 2005-05-10
PRIOR APPLICATION NUMBER: 10/211,689
PRIOR FILING DATE: 2002-08-01
PRIOR APPLICATION NUMBER: 60/311751
PRIOR FILING DATE: 2001-08-10
PRIOR APPLICATION NUMBER: 60/310802
PRIOR FILING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: 60/310795
PRIOR FILING DATE: 2001-08-08
PRIOR APPLICATION NUMBER: 60/311292
PRIOR FILING DATE: 2001-08-09
PRIOR APPLICATION NUMBER: 60/361159
PRIOR FILING DATE: 2002-02-28
PRIOR APPLICATION NUMBER: 60/373050
PRIOR FILING DATE: 2002-04-16
PRIOR APPLICATION NUMBER: 60/380970
PRIOR FILING DATE: 2002-05-15
PRIOR APPLICATION NUMBER: 60/311979
PRIOR FILING DATE: 2001-08-13
PRIOR APPLICATION NUMBER: 60/381030
PRIOR FILING DATE: 2002-05-16
Remaining Prior Application data removed - See File Wrapper or PALM.
NUMBER OF SEQ ID NOS: 57
SOFTWARE: CuraSeqList version 0.1
SEQ ID NO 8
LENGTH: 207
TYPE: PRT
ORGANISM: Homo sapiens
US-11-126-427-8

Query Match 48.3%; Score 43; DB 7; Length 207;
Best Local Similarity 57.1%; Pred. No. 4.7;
Matches 8; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2 LPGNKSPHRDPAPR 15
||| |||
Db 34 LPGLPGRGDPGR 47

RESULT 5

US-11-126-427-10
; Sequence 10, Application US/11126427
; Publication No. US20050287564A1
; GENERAL INFORMATION:
; APPLICANT: Burgess, Catherine E.
; APPLICANT: Gerlach, Valerie L.
; APPLICANT: Gorman, Linda
; APPLICANT: Majumder, Kumud
; APPLICANT: Pena, Carol E.A.
; APPLICANT: Prayaga, Sudhirdas
; APPLICANT: Shimkets, Richard A.
; APPLICANT: Smithson, Glenda
; TITLE OF INVENTION: THERAPEUTIC POLYPEPTIDES, NUCLEIC ACIDS ENCODING SAME, AND METHOD
; FILE REFERENCE: Cura 716 B CIP
; CURRENT APPLICATION NUMBER: US/11/126,427
; CURRENT FILING DATE: 2005-05-10
; PRIOR APPLICATION NUMBER: 10/211,689
; PRIOR FILING DATE: 2002-08-01
; PRIOR APPLICATION NUMBER: 60/311751
; PRIOR FILING DATE: 2001-08-10
; PRIOR APPLICATION NUMBER: 60/310802
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/310795
; PRIOR FILING DATE: 2001-08-08
; PRIOR APPLICATION NUMBER: 60/311292
; PRIOR FILING DATE: 2001-08-09
; PRIOR APPLICATION NUMBER: 60/361159
; PRIOR FILING DATE: 2002-02-28
; PRIOR APPLICATION NUMBER: 60/373050
; PRIOR FILING DATE: 2002-04-16
; PRIOR APPLICATION NUMBER: 60/380970
; PRIOR FILING DATE: 2002-05-15
; PRIOR APPLICATION NUMBER: 60/311979
; PRIOR FILING DATE: 2001-08-13
; PRIOR APPLICATION NUMBER: 60/381030
; PRIOR FILING DATE: 2002-05-16
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 57
; SOFTWARE: Curaseqlist version 0.1
; SEQ ID NO 10
; LENGTH: 214
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-126-427-10

Query Match 48.3%; Score 43; DB 7; Length 214;
Best Local Similarity 57.1%; Pred. No. 4.9;
Matches 8; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2 LPGNKSPHRDPAPR 15
||| |||
Db 38 LPGLPGRGDPGR 51

RESULT 6

US-11-052-554A-299
; Sequence 299, Application US/11052554A
; Publication No. US2005028866A1
; GENERAL INFORMATION:
; APPLICANT: Sachdeva, et al.
; TITLE OF INVENTION: COMPUTATIONAL METHOD FOR IDENTIFYING ADHESIN AND ADHESIN-LIKE
; FILE REFERENCE: 30853/40359A
; CURRENT APPLICATION NUMBER: US/11/052,554A
; CURRENT FILING DATE: 2005-02-07
; PRIOR APPLICATION NUMBER: US 60/589,227
; PRIOR FILING DATE: 2004-07-20

; PRIOR APPLICATION NUMBER: IN 173/DEL/2004
; PRIOR FILING DATE: 2004-02-06
; NUMBER OF SEQ ID NOS: 763
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 299
; LENGTH: 383
; TYPE: PRT
; ORGANISM: Helicobacter pylori J99
US-11-052-554A-299

Query Match 44.9%; Score 40; DB 7; Length 383;
Best Local Similarity 66.7%; Pred. No. 25;
Matches 6; Conservative 1; Mismatches 2; Indels 0; Gaps 0;

QY 1 HLPGNKSPH 9
||| :|||
Db 249 HLPNSKQPH 257

RESULT 7

US-11-063-343-31
; Sequence 31, Application US/11063343
; Publication No. US20050272061A1
; GENERAL INFORMATION:
; APPLICANT: Petrosiello, Joseph M.
; APPLICANT: Carter, Paul
; TITLE OF INVENTION: Expression Profiling in Non-Small Cell
; FILE REFERENCE: 2681-1-003N
; CURRENT APPLICATION NUMBER: US/11/063,343
; CURRENT FILING DATE: 2005-02-22
; PRIOR APPLICATION NUMBER: 60/546,019
; PRIOR FILING DATE: 2004-02-19
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSeq for Windows Version 4.0
; SEQ ID NO 31
; LENGTH: 490
; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-063-343-31

Query Match 44.9%; Score 40; DB 7; Length 490;
Best Local Similarity 50.0%; Pred. No. 33;
Matches 7; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 1 HLPGNKSPHRDPAP 14
||| :|||
Db 386 HATGKSPAKSPNP 399

RESULT 8

US-10-131-826A-394
; Sequence 394, Application US/10131826A
; Publication No. US20050245730A1
; GENERAL INFORMATION:
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: DeForge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC


```
; TITLE OF INVENTION: ACIDS ENCODING THE SAME
; FILE REFERENCE: P3330R1C128
; CURRENT APPLICATION NUMBER: US/10/131,826A
; CURRENT FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 394
; LENGTH: 1184
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-826A-394
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Query Match 44.9%; Score 40; DB 6; Length 1184;
Best Local Similarity 46.7%; Pred. No. 80;
Matches 7; Conservative 2; Mismatches 6; Indels 0; Gaps 0;
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QY 1 HLPGNKSPHRDPAP 15
DB 915 HLNGKVSPEKSGPR 929
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RESULT 9
US-10-878-556A-136
; Sequence 136, Application US/10878556A
; Publication No. US20050266399A1
; GENERAL INFORMATION:
; APPLICANT: Hoffmann La-Roche Inc.
; TITLE OF INVENTION: HCV regulated protein expression
; FILE REFERENCE: 21762
; CURRENT APPLICATION NUMBER: US/10/878,556A
; CURRENT FILING DATE: 2004-06-28
; NUMBER OF SEQ ID NOS: 199
; SOFTWARE: PatentIn version 3.1
; SEQ ID NO 136
; LENGTH: 1410
; TYPE: PRT
; ORGANISM: Homo sapiens
; PUBLICATION INFORMATION:
; DATABASE ACCESSION NUMBER: sw hum/rtbl_human
; DATABASE ENTRY DATE: 2003-02-28
US-10-878-556A-136
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Query Match 44.9%; Score 40; DB 6; Length 1410;
Best Local Similarity 58.3%; Pred. No. 96;
Matches 7; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
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QY 3 PGNKSPHRDPAP 14
DB 79 PNGKIPDHDPAP 90
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RESULT 10
US-10-821-234-901
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; Sequence 901, Application US/10821234
; Publication No. US20050255114A1
; GENERAL INFORMATION:
; APPLICANT: Labat, Ivan
; APPLICANT: Stache-Crain, Birgit
; APPLICANT: Andarmani, Susan
; APPLICANT: Tang, Y. Tom
; TITLE OF INVENTION: Methods for Diagnosis and Treatment of Preeclampsia
; FILE REFERENCE: 821A
; CURRENT APPLICATION NUMBER: US/10/821,234
; CURRENT FILING DATE: 2004-04-07
; PRIOR APPLICATION NUMBER: US 60/462,047
; PRIOR FILING DATE: 2003-04-07
; NUMBER OF SEQ ID NOS: 1704
; SOFTWARE: pt_seq_genes Version 1.0
; SEQ ID NO 901
; LENGTH: 1586
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-821-234-901
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Query Match 44.9%; Score 40; DB 6; Length 1586;
Best Local Similarity 58.3%; Pred. No. 1.1e+02;
Matches 7; Conservative 0; Mismatches 5; Indels 0; Gaps 0;
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QY 3 PGNKSPHRDPAP 14
DB 105 PNGKIPDHDPAP 116
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RESULT 11
US-10-131-826A-362
; Sequence 362, Application US/10131826A
; Publication No. US20050245730A1
; GENERAL INFORMATION:
```

```
; APPLICANT: Baker, Kevin P.
; APPLICANT: Beresini, Maureen
; APPLICANT: Deforge, Laura
; APPLICANT: Desnoyers, Luc
; APPLICANT: Filvaroff, Ellen
; APPLICANT: Gao, Wei-Qiang
; APPLICANT: Gerritsen, Mary E.
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Sherwood, Steven
; APPLICANT: Smith, Victoria
; APPLICANT: Stewart, Timothy A.
; APPLICANT: Tumas, Daniel
; APPLICANT: Watanabe, Colin K
; APPLICANT: Wood, William
; APPLICANT: Zhang, Zemin
; TITLE OF INVENTION: SECRETED AND TRANSMEMBRANE POLYPEPTIDES AND NUCLEIC
; FILE REFERENCE: P3330R1C128
; CURRENT APPLICATION NUMBER: US/10/131,826A
; CURRENT FILING DATE: 2002-04-24
; PRIOR APPLICATION NUMBER: 60/049911
; PRIOR FILING DATE: 1997-06-18
; PRIOR APPLICATION NUMBER: 60/056974
; PRIOR FILING DATE: 1997-08-26
; PRIOR APPLICATION NUMBER: 60/059113
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059115
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059117
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059122
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059184
; PRIOR FILING DATE: 1997-09-17
; PRIOR APPLICATION NUMBER: 60/059263
; PRIOR FILING DATE: 1997-09-18
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; PRIOR APPLICATION NUMBER: 60/059352
; PRIOR FILING DATE: 1997-09-19
; PRIOR APPLICATION NUMBER: 60/059588
; PRIOR FILING DATE: 1997-09-19
; Remaining Prior Application data removed - See File Wrapper or PALM.
; NUMBER OF SEQ ID NOS: 550
; SEQ ID NO 362
; LENGTH: 243
; TYPE: PRT
; ORGANISM: Homo Sapien
US-10-131-826A-362

Query Match 43.8%; Score 39; DB 6; Length 243;
Best Local Similarity 53.8%; Pred. No. 23;
Matches 7; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 3 PGKNSPHRDPAPR 15
Db 71 PGLPGPRGDRPGR 83

RESULT 12
US-11-109-157A-10
; Sequence 10, Application US/11109157A
; Publication No. US20050277175A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; TITLE OF INVENTION: TRUNCATED ADAMTS MOLECULES
; FILE REFERENCE: 01997.030500.
; CURRENT APPLICATION NUMBER: US/11/109,157A
; CURRENT FILING DATE: 2005-04-18
; PRIOR APPLICATION NUMBER: 60/562,685
; PRIOR FILING DATE: 2004-04-15
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 10
; LENGTH: 871
; TYPE: PRT
; ORGANISM: homo sapiens
US-11-109-157A-10

Query Match 43.8%; Score 39; DB 7; Length 871;
Best Local Similarity 63.6%; Pred. No. 83;
Matches 7; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 LPGNKSPHRDP 12
Db 528 LPGTPOPHRLP 538

RESULT 13
US-11-109-157A-9
; Sequence 9, Application US/11109157A
; Publication No. US20050277175A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; TITLE OF INVENTION: TRUNCATED ADAMTS MOLECULES
; FILE REFERENCE: 01997.030500.
; CURRENT APPLICATION NUMBER: US/11/109,157A
; CURRENT FILING DATE: 2005-04-18
; PRIOR APPLICATION NUMBER: 60/562,685
; PRIOR FILING DATE: 2004-04-15
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 9
; LENGTH: 1103
; TYPE: PRT
; ORGANISM: homo sapiens
US-11-109-157A-9

Query Match 43.8%; Score 39; DB 7; Length 1103;
Best Local Similarity 63.6%; Pred. No. 1.le+02;
Matches 7; Conservative 0; Mismatches 4; Indels 0; Gaps 0;

QY 2 LPGNKSPHRDP 12
Db 760 LPGTPOPHRLP 770

RESULT 14
US-11-102-240-92
; Sequence 92, Application US/11102240
; Publication No. US20050260647A1
; GENERAL INFORMATION:
; APPLICANT: Goddard, Audrey
; APPLICANT: Godowski, Paul J.
; APPLICANT: Grimaldi, Christopher J.
; APPLICANT: Gurney, Austin L.
; APPLICANT: Wood, William I.
; TITLE OF INVENTION: ANTIBODIES TO POLYPEPTIDES ENCODED BY A NUCLEIC ACID UNDEREXPRES:
; TITLE OF INVENTION: ESOPHAGEAL TUMOR
; FILE REFERENCE: P3230R1C106C
; CURRENT APPLICATION NUMBER: US/11/102,240
; CURRENT FILING DATE: 2005-04-08
; PRIOR APPLICATION NUMBER: 10/063662
; PRIOR FILING DATE: 2002-05-07
; PRIOR APPLICATION NUMBER: 10/006867
; PRIOR FILING DATE: 2001-12-06
; PRIOR APPLICATION NUMBER: PCT/US00/23328
; PRIOR FILING DATE: 2000-08-24
; PRIOR APPLICATION NUMBER: 60/170262
; PRIOR FILING DATE: 199-12-09
; NUMBER OF SEQ ID NOS: 170
; SEQ ID NO 92
; LENGTH: 252
; TYPE: PRT
; ORGANISM: Homo Sapien
US-11-102-240-92

Query Match 43.3%; Score 38.5; DB 7; Length 252;
Best Local Similarity 44.4%; Pred. No. 28;
Matches 8; Conservative 2; Mismatches 3; Indels 5; Gaps 1;

QY 3 PGKNSPHRD-----PAPR 15
Db 28 PGSEDPDRDDHEGQPRPR 45

RESULT 15
US-11-150-883-21
; Sequence 21, Application US/11150883
; Publication No. US20060002937A1
; GENERAL INFORMATION:
; APPLICANT: Schwaebler, H.W.
; APPLICANT: Stover, C.M.
; APPLICANT: Tedford, C. E.
; APPLICANT: Parent, J.B..
; APPLICANT: Fujita, T.
; TITLE OF INVENTION: METHODS FOR TREATING CONDITIONS ASSOCIATED WITH MASP-2 DEPENDENT
; TITLE OF INVENTION: COMPLEMENT ACTIVATION
; FILE REFERENCE: OMER-1-25400
; CURRENT APPLICATION NUMBER: US/11/150,883
; CURRENT FILING DATE: 2005-06-09
; PRIOR APPLICATION NUMBER: US 60/578,847
; PRIOR FILING DATE: 2004-06-10
; NUMBER OF SEQ ID NOS: 65
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 21
; LENGTH: 248
; TYPE: PRT
; ORGANISM: Homo sapien
US-11-150-883-21

Query Match 42.7%; Score 38; DB 7; Length 248;
Best Local Similarity 46.2%; Pred. No. 33;
Matches 6; Conservative 1; Mismatches 6; Indels 0; Gaps 0;

QY 3 PGKSPHRDPAPR 15
||| |
Db 79 PGNPGSGSGPK 91

RESULT 16
US-10-873-528-192
; Sequence 192, Application US/10873528
; Publication No. US20050276814A1
; GENERAL INFORMATION:
; APPLICANT: Microbial Technics Limited
; APPLICANT: Gilbert, Christophe FG
; APPLICANT: Hansbro, Philip M
; TITLE OF INVENTION: Proteins
; FILE REFERENCE: PWC/P21129WO
; CURRENT APPLICATION NUMBER: US/10/873,528
; CURRENT FILING DATE: 2004-06-23
; PRIOR APPLICATION NUMBER: US/09/769,787
; PRIOR FILING DATE: 2001-01-26
; PRIOR APPLICATION NUMBER: GB 9816337.1
; PRIOR FILING DATE: 1998-03-27
; PRIOR APPLICATION NUMBER: US 60/125164
; PRIOR FILING DATE: 1999-03-19
; NUMBER OF SEQ ID NOS: 388
; SOFTWARE: PatentIn Ver. 2.1
; SEQ ID NO 192
; LENGTH: 318
; TYPE: PRT
; ORGANISM: Streptococcus pneumoniae
US-10-873-528-192

Query Match 42.7%; Score 38; DB 6; Length 318;
Best Local Similarity 58.3%; Pred. No. 42;
Matches 7; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3 PGKSPHRDPAP 14
||| |
Db 141 PNNHSDHVDYP 152

RESULT 17
US-11-052-554A-233
; Sequence 233, Application US/11052554A
; Publication No. US20050288866A1
; GENERAL INFORMATION:
; APPLICANT: Sachdeva, et al.
; TITLE OF INVENTION: COMPUTATIONAL METHOD FOR IDENTIFYING ADHESIN AND ADHESIN-LIKE
; TITLE OF INVENTION: PROTEINS OF THERAPEUTIC POTENTIAL
; FILE REFERENCE: 30853/40359A
; CURRENT APPLICATION NUMBER: US/11/052,554A
; CURRENT FILING DATE: 2005-02-07
; PRIOR APPLICATION NUMBER: US 60/589,227
; PRIOR FILING DATE: 2004-07-20
; PRIOR APPLICATION NUMBER: IN 173/DEL/2004
; PRIOR FILING DATE: 2004-02-06
; NUMBER OF SEQ ID NOS: 763
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 233
; LENGTH: 318
; TYPE: PRT
; ORGANISM: Streptococcus pneumoniae R6
US-11-052-554A-233

Query Match 42.7%; Score 38; DB 7; Length 318;
Best Local Similarity 58.3%; Pred. No. 42;
Matches 7; Conservative 0; Mismatches 5; Indels 0; Gaps 0;

QY 3 PGKSPHRDPAP 14
||| |
Db 141 PNNHSDHVDYP 152

RESULT 18
US-10-770-726-71
; Sequence 71, Application US/10770726
; Publication No. US20050266409A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; APPLICANT: Brown, Eugene
; APPLICANT: Liu, Wei
; TITLE OF INVENTION: CANCERS
; FILE REFERENCE: AM101079 (031896-010000)
; CURRENT APPLICATION NUMBER: US/10/770,726
; CURRENT FILING DATE: 2004-02-04
; NUMBER OF SEQ ID NOS: 48640
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 71
; LENGTH: 591
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-770-726-71

Query Match 42.7%; Score 38; DB 6; Length 591;
Best Local Similarity 60.0%; Pred. No. 79;
Matches 6; Conservative 2; Mismatches 2; Indels 0; Gaps 0;

QY 3 PGKSPHRDP 12
||| |
Db 287 PGPSPQREP 296

RESULT 19
US-11-150-406-2
; Sequence 2, Application US/11150406
; Publication No. US20050250164A1
; GENERAL INFORMATION:
; APPLICANT: Muschler, John L
; APPLICANT: Bissell, Mina J
; TITLE OF INVENTION: Design of Novel Assays Based on the Newly Found Role of
; TITLE OF INVENTION: Dystroglycan and Alpha-Dystroglycan Proteolysis in Tumor Cell
; TITLE OF INVENTION: Growth
; FILE REFERENCE: IB-1398A
; CURRENT APPLICATION NUMBER: US/11/150,406
; CURRENT FILING DATE: 2005-06-09
; PRIOR APPLICATION NUMBER: 60/151,766
; PRIOR FILING DATE: 1999-08-31
; PRIOR APPLICATION NUMBER: 09/652,493
; PRIOR FILING DATE: 2000-08-31
; NUMBER OF SEQ ID NOS: 2
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 2
; LENGTH: 895
; TYPE: PRT
; ORGANISM: homo sapiens
US-11-150-406-2

Query Match 42.7%; Score 38; DB 7; Length 895;
Best Local Similarity 50.0%; Pred. No. 1.2e+02;
Matches 6; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 3 PGKSPHRDPAP 14
||| |
Db 880 PKNMTFYRSPPP 891

RESULT 20
US-10-821-234-1129
; Sequence 1129, Application US/10821234
; Publication No. US20050255114A1
; GENERAL INFORMATION:
; APPLICANT: Labat, Ivan
; APPLICANT: Stache-Crain, Birgit
; APPLICANT: Andarmani, Susan
; APPLICANT: Tang, Y. Tom

```
; TITLE OF INVENTION: Methods for Diagnosis and Treatment of Preeclampsia
; FILE REFERENCE: 821A
; CURRENT APPLICATION NUMBER: US/10/821,234
; CURRENT FILING DATE: 2004-04-07
; PRIOR APPLICATION NUMBER: US 60/462,047
; PRIOR FILING DATE: 2003-04-07
; NUMBER OF SEQ ID NOS: 1704
; SOFTWARE: pt_SEQ_genes Version 1.0
; SEQ ID NO 1129
; LENGTH: 920
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-821-234-1129

Query Match 42.7%; Score 38; DB 6; Length 920;
Best Local Similarity 50.0%; Pred. No. 1.2e+02;
Matches 6; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 3 PGKNSPHRDPAP 14
Db 905 PKMTYRSPPP 916

RESULT 21
US-10-995-561-809
; Sequence 809, Application US/10995561
; Publication No. US20050272054A1
; GENERAL INFORMATION:
; APPLICANT: CARGILL, Michele et al.
; TITLE OF INVENTION: GENETIC POLYMORPHISMS ASSOCIATED WITH
; TITLE OF INVENTION: CARDIOVASCULAR DISORDERS AND DRUG RESPONSE, METHODS OF
; FILE REFERENCE: DETECTION AND USES THEREOF
; FILE REFERENCE: CL001559
; CURRENT APPLICATION NUMBER: US/10/995,561
; CURRENT FILING DATE: 2004-11-24
; NUMBER OF SEQ ID NOS: 85702
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 809
; LENGTH: 1375
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-995-561-809

Query Match 42.7%; Score 38; DB 6; Length 1375;
Best Local Similarity 50.0%; Pred. No. 1.9e+02;
Matches 6; Conservative 2; Mismatches 4; Indels 0; Gaps 0;

QY 3 PGKNSPHRDPAP 14
Db 998 PGSTPPHCGPSP 1009

RESULT 22
US-11-059-982-1
; Sequence 1, Application US/11059982
; Publication No. US20050255507A1
; GENERAL INFORMATION:
; APPLICANT: Jenkins, Robert B.
; APPLICANT: Yang, Ping
; APPLICANT: Thibodeau, Steve
; APPLICANT: Wang, Liang
; APPLICANT: Schaid, Daniel
; TITLE OF INVENTION: CYTOGENETICALLY DETERMINED DIAGNOSIS AND
; TITLE OF INVENTION: PROGNOSIS OF PROLIFERATIVE DISORDERS
; FILE REFERENCE: 07039-505001
; CURRENT APPLICATION NUMBER: US/11/059,982
; CURRENT FILING DATE: 2005-02-17
; PRIOR APPLICATION NUMBER: US 60/545,573
; PRIOR FILING DATE: 2004-02-17
; NUMBER OF SEQ ID NOS: 50
; SOFTWARE: FastSEQ for Windows Version 4.0
; SEQ ID NO 1
; LENGTH: 1560
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; TYPE: PRT
; ORGANISM: Homo sapiens
US-11-059-982-1

Query Match 42.7%; Score 38; DB 7; Length 1560;
Best Local Similarity 41.7%; Pred. No. 2.1e+02;
Matches 5; Conservative 3; Mismatches 4; Indels 0; Gaps 0;

QY 3 PGKNSPHRDPAP 14
Db 911 PPSQGHKSPTP 922

RESULT 23
US-11-040-472-13
; Sequence 13, Application US/11040472
; Publication No. US20050283857A1
; GENERAL INFORMATION:
; APPLICANT: Adang, Michael
; APPLICANT: Hua, Gang
; APPLICANT: Chen, Jiang
; APPLICANT: Abdullah, Mohd
; TITLE OF INVENTION: Peptides for Inhibiting Insects
; FILE REFERENCE: UGR-105CP
; CURRENT APPLICATION NUMBER: US/11/040,472
; CURRENT FILING DATE: 2005-01-21
; PRIOR APPLICATION NUMBER: US 60/538,715
; PRIOR FILING DATE: 2004-01-22
; NUMBER OF SEQ ID NOS: 13
; SOFTWARE: PatentIn version 3.2
; SEQ ID NO 13
; LENGTH: 1735
; TYPE: PRT
; ORGANISM: Anopheles gambiae
US-11-040-472-13

Query Match 42.7%; Score 38; DB 7; Length 1735;
Best Local Similarity 60.0%; Pred. No. 2.4e+02;
Matches 6; Conservative 1; Mismatches 3; Indels 0; Gaps 0;

QY 5 NKSPHRDPAP 14
Db 861 NKQPYHDPFP 870

RESULT 24
US-10-821-234-1182
; Sequence 1182, Application US/10821234
; Publication No. US20050255114A1
; GENERAL INFORMATION:
; APPLICANT: Labat, Ivan
; APPLICANT: Stache-Crain, Birgit
; APPLICANT: Andarmani, Susan
; APPLICANT: Tang, Y. Tom
; TITLE OF INVENTION: Methods for Diagnosis and Treatment of Preeclampsia
; FILE REFERENCE: 821A
; CURRENT APPLICATION NUMBER: US/10/821,234
; CURRENT FILING DATE: 2004-04-07
; PRIOR APPLICATION NUMBER: US 60/462,047
; PRIOR FILING DATE: 2003-04-07
; NUMBER OF SEQ ID NOS: 1704
; SOFTWARE: pt_SEQ_genes Version 1.0
; SEQ ID NO 1182
; LENGTH: 1874
; TYPE: PRT
; ORGANISM: Homo sapiens
US-10-821-234-1182

Query Match 42.7%; Score 38; DB 6; Length 1874;
Best Local Similarity 53.8%; Pred. No. 2.6e+02;
Matches 7; Conservative 0; Mismatches 6; Indels 0; Gaps 0;

QY 2 LPKNSPHRDPAP 14
```

Db 674 LPOGKHGPDGP 686

RESULT 25
US-11-109-157A-3
; Sequence 3, Application US/11109157A
; Publication No. US2005027175A1
; GENERAL INFORMATION:
; APPLICANT: Wyeth
; TITLE OF INVENTION: TRUNCATED ADAMTS MOLECULES
; FILE REFERENCE: 01997.030500.
; CURRENT APPLICATION NUMBER: US/11/109,157A
; CURRENT FILING DATE: 2005-04-18
; PRIOR APPLICATION NUMBER: 60/562,685
; PRIOR FILING DATE: 2004-04-15
; NUMBER OF SEQ ID NOS: 44
; SOFTWARE: PatentIn version 3.3
; SEQ ID NO 3
; LENGTH: 599
; TYPE: PRT
; ORGANISM: HOMO SAPIENS
US-11-109-157A-3

Query Match 42.1%; Score 37.5; DB 7; Length 599;
Best Local Similarity 61.5%; Pred. No. 96;
Matches 8; Conservative 1; Mismatches 3; Indels 1; Gaps 1;
QY 2 LPGNKSPHRDPAP 14
Db 1 MPOGSP-RSPAP 12

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